Manitoba

Annual Report 1989 - 90

Agriculture

91-05414/

Minister of Agriculture

Room 165
Legislative Building
Winnipeg, Manitoba, CANADA
R3C 0V8

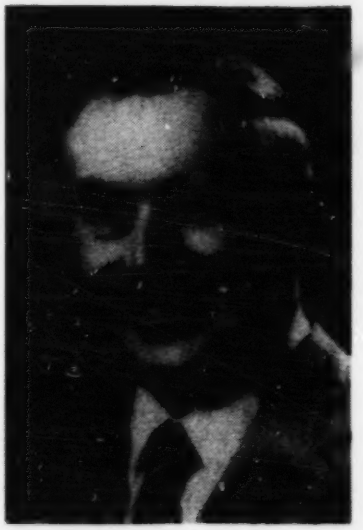
To His Honour
George Johnson
Lieutenant-Governor for
the Province of Manitoba

Your Honour:

I have the honour to submit herewith the Report of the Department of Agriculture for the period April 1, 1989 to March 31, 1990.

Yours truly,

Glen M. Findlay
Minister



Manitoba

Deputy Minister of Agriculture

Room 159
Legislative Building
Winnipeg, Manitoba, CANADA
R3C 0V8

(204) 945-3734

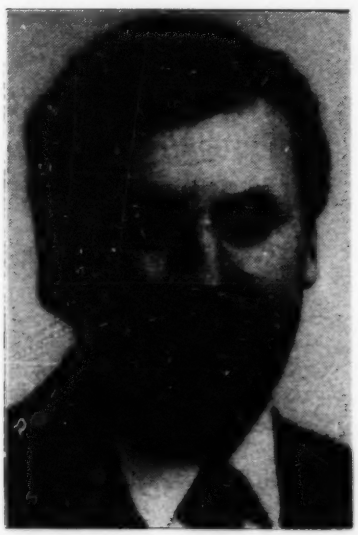
Honourable Glen M. Findlay
Minister of Agriculture
Province of Manitoba

Sir:

It is my pleasure to present the annual report of the Manitoba Department of Agriculture for the twelve month period ending March 31, 1990.

Respectfully submitted,

G. J. Lacomy
Deputy Minister



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Preface

This report was prepared by the Manitoba Department of Agriculture to summarize the activities and accomplishments of the department during the 1989/90 fiscal year. The report format is designed to enable an assessment of results achieved during the year in comparison to the intended results as outlined in the Estimates Supplement document.

The report is organized into three parts. The first section describes the activities, expenditures and accomplishments of the department according to sub-appropriation number. The second section contains summary tables comparing actual 1989/90 expenditures and revenues with budget estimates for the year, as well as with actual expenditures and revenues for the previous year. The third section is a five-year historical comparison of expenditures and staffing by appropriation number.

The mission of Manitoba Agriculture is: to provide leadership in creating a healthy economic climate for farmers to maximize their productivity and improve their quality of life; and to encourage the growth of the agricultural and food industry including the development of rural Manitoba, while ensuring the stewardship of our natural resources.

The department is mandated to provide a range of essential services to Manitoba farmers. These services are aimed at supporting the maintenance and development of family farms in Manitoba.

The specific objectives of the department are as follows:

- to reduce the economic risk for farmers and to enhance and stabilize the income of farm families
- to preserve family farms and to enhance the viability of existing farm enterprises
- to provide an opportunity for farmers, including younger and beginning producers, to enter agriculture and develop viable farming operations
- to maintain and expand production of agricultural commodities, particularly those with a high potential of being further processed in Manitoba (for example, beef and hogs)
- to seek export markets and secure access to these markets for the high quality commodities produced in Manitoba
- to conserve and improve Manitoba's soil resources and preserve the environment
- to support overall provincial government priorities, including community economic development and employment creation
- to promote participation by farmers, farm organizations and rural Manitoba residents in decision-making for enabling the entire agricultural sector in Manitoba to meet future challenges.

In support of these objectives, the department administers and implements many delegated Acts and regulations. The statutory responsibilities of the Minister of Agriculture are listed in Appendix C.

Manitoba Agriculture

Executive

Honourable Glen Findlay, Minister

G.J. Lacomy, Deputy Minister

T. L. Pringle, Assistant Deputy Minister
Agricultural Development and Marketing Division

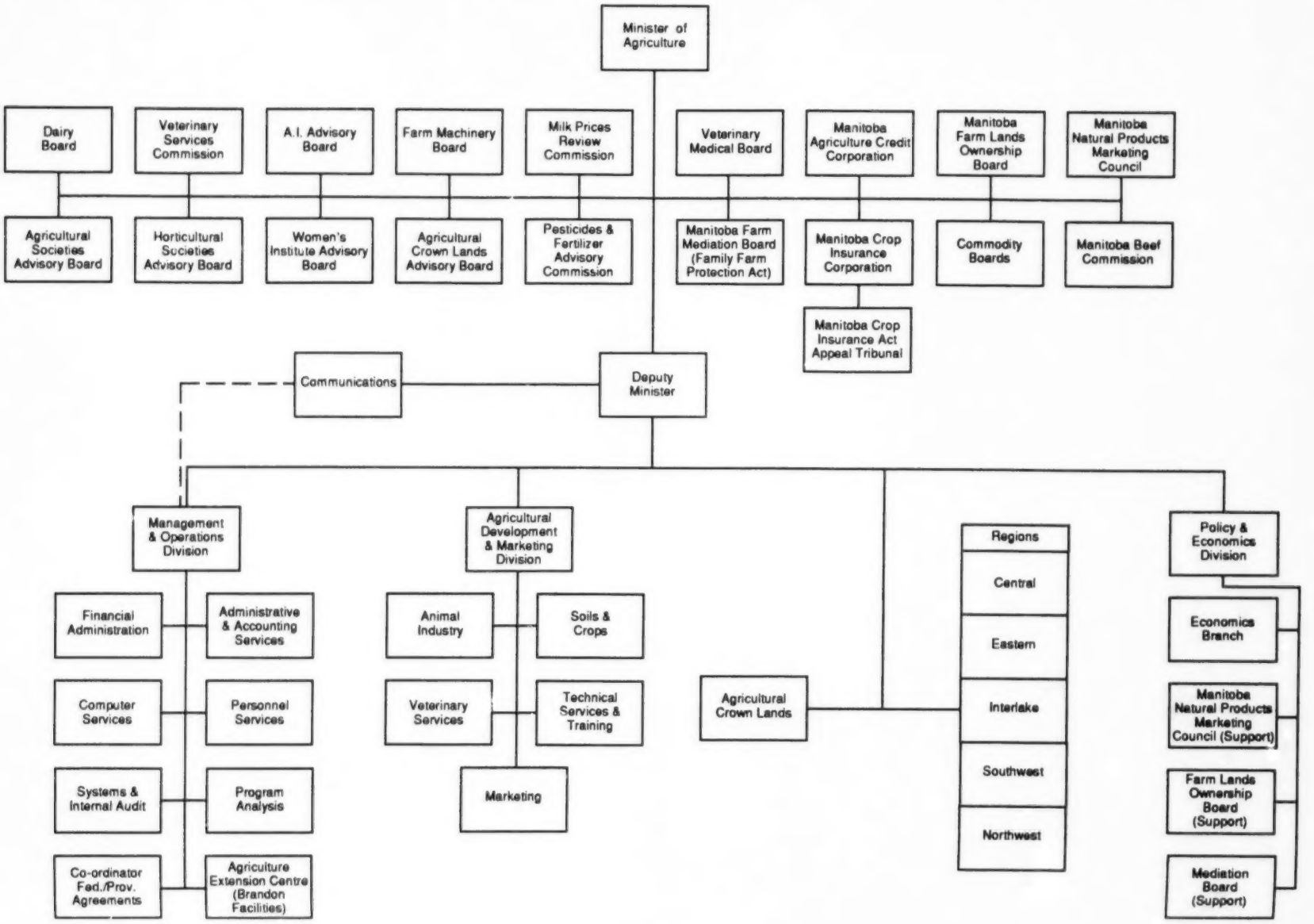
R.L. Baseraba, Acting Assistant Deputy Minister
Management and Operations Division

C. Lee, Assistant Deputy Minister
Policy and Economics Division

Directors/Managers

Communications — L. Shlosser (Act.)
Administrative and Accounting Services — D.H. Burch (Act.)
Computer Services — J. Epp
Personnel Services — D.H. Burch
Program Analysis — G. Fearn
Animal Industry Branch — F.P. Baker
Veterinary Services — J.A. McPhedran
Soils and Crops — G.D. Webster
Technical Services and Training — R.M. Deveson
Marketing — A.E. Gascoigne
Northwest — R. Chychota
Southwest — W. Digby
Central — B.F. Manning
Eastern — D.I. Donaghy
Interlake — A.T. Dickson
Agricultural Crown Lands — J.L. Neabel
Economics — H. Gregory
Manitoba Natural Products Marketing Council — G.H. MacKenzie
Milk Prices Review Commission — A. Strutinsky
Farm Lands Ownership Board — H.D. Osborne
Manitoba Farm Mediation Board — G. Shaw

Organization Chart — Manitoba Agriculture



Administration and Finance Division (1)

The Administration and Finance Division helps plan department policies and programs, ensures these activities are implemented effectively, and provides central support service to management and staff within the department.

The branches within this division are Communications, Financial and Administrative Services, Computer Services, Personnel Services and Program Analysis. The Excess Summerfallow Compensation Program was also funded within this division.

Minister's Salary (1A)

This expenditure provides for the additional compensation to which individuals appointed to the Executive Council are entitled.

Expenditures by Sub-Appropriation

1 (a) Minister's Salary	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
	20,500	1.00	20,600	(100)	
Total 1 (a)	20,500	1.00	20,600	(100)	

Executive Support (1B)

Executive support staff are responsible for the communication and effective implementation of department goals and priorities. A key responsibility of this team is to advise the Minister on strategies and program options to put government policies into action. Executive staff also ensure all department resources are allocated in accordance with government policies and priorities. During 1989/90, efficient and effective program delivery was a major priority.

Expenditures by Sub-Appropriation

1 (b) Executive Support	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	391,300	9.00	354,100	37,200	
(2) Other Expenditures					
- Grants/Transfer Payments	3,700		18,000	(14,300)	
- Other	117,100		104,600	12,500	
Total Other Expenditures	120,800		122,600	(1,800)	
(3) Policy Studies	176,600		117,900	58,700	
Total 1 (b)	688,700	9.00	594,600	94,100	

Communications Branch (1C)

The Communications Branch is Manitoba Agriculture's public information unit. The branch's overall objective is to provide rural and urban Manitobans with relevant and timely information about the department's policies, programs and services. In addition, the Communications Branch helps other department staff produce technical information for farmers

In support of these objectives, branch staff work closely with department specialists to plan, co-ordinate and, in many cases, carry out the department's communications activities.

In 1989/90, the branch produced and distributed 187 publications, ranging from simple pamphlets and fact sheets to the 220-page *Guide to Chemical Weed Control*. In total, about 300,000 print items were distributed during the year.

The branch issued 204 news releases and produced the daily "Country Comment" radio program, which has an audience of about 30,000 listeners. As well, communications staff produced 20 short television items for the Brandon, Portage and Dauphin regions, resulting in 102 airings.

Other activities included the development of 16 advertising campaigns for department programs and services, and the production of *Engineering '90*, a home study course taken by 1505 Manitobans.

The branch also co-ordinated an audio-video library service in six rural locations and provided a range of services to department staff requiring assistance with A-V projects.

Expenditures by Sub-Appropriation

1 (c) Communications Branch	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	320,200	11.00	407,000	(86,800)	1
(2) Other Expenditures	327,700		348,400	(20,700)	
Total 1 (c)	647,900	11.00	755,400	(107,500)	

Explanation Number:

1. The majority of the difference is the result of temporary staff vacancies in 1989/90.

Financial and Administrative Services Branch (1D)

Manitoba Agriculture programs receive financial management support from three units of the Financial and Administrative Services Branch: Administrative and Accounting Services, Systems and Internal Audit, and Financial Administration.

The Administrative and Accounting Services Unit helps management staff develop financial support systems. The unit processes all payments and receives all revenue for the department. In addition, staff process requisitions for office supplies, advertising, office equipment and telecommunications. The unit also co-ordinates the departmental vehicle fleet, prepares contracts for the Agri-Food Agreement and helps other branches process Freedom of Information applications.

The Financial Administration Unit provides support to all divisions of the department. These staff compile annual estimates, quarterly cash flow and financial information used in Treasury Board and legislative sessional notes.

The Systems and Internal Audit Unit reviews existing and proposed financial and procedural programs of the department and its related agencies. The unit is also a resource to senior management and offers advice in formulating operational policies.

In 1989/90 Administrative and Accounting Services processed 25,000 documents and collected $11,304,400 in revenue. In addition, a study on computerization of the processing system was completed

with implementation to begin in 1990/91. The unit prepared about 2,000 requisitions for office supplies, advertising and communication services.

Staff continued to arrange for the provision of 160 government vehicles to department staff. The unit also supervised and co-ordinated Agri-Food Agreement contracts and prepared quarterly status reports on the Freedom of Information Act.

The Financial Administration Unit continued to compile financial information for the Minister, Cabinet and Treasury Board during 1989/90. Continual emphasis was placed on consultation with directors and managers to ensure programs were delivered within budget guidelines.

During 1989/90, Systems and Internal Audit completed audit reviews of the Tripartite Cattle Program, Manitoba Agricultural Credit Corporation, School Tax Assistance Program and the Manitoba Hog Marketing Board, and began an audit review of the Personnel Services Branch.

Expenditures by Sub-Appropriation

1 (d) Financial and Admin. Services	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	778,700	24.20	810,400	(31,700)	
(2) Other Expenditures	76,700		78,900	(2,200)	
Total 1 (d)	855,400	24.20	889,300	(33,900)	

Computer Services Branch (1E)

The objective of the Computer Services Branch is to provide computer management services and expertise to all user levels within the department. These services are required to ensure effective delivery of Manitoba Agriculture's automated programs and computer-related activities.

Computer Services assists with all phases of software development as well as with maintenance and support of existing automated systems. Implementation and training are also carried out by staff. The branch helps develop administrative systems used by department staff and administrative agencies, as well as software used by extension workers in farm management consultations.

During 1989/90, Computer Services staff helped develop a farm financial analysis program. By year end, a tangible product was available and an initial test had been conducted. Further work was expected to continue in 1990/91.

The branch continued to enhance computer systems in Agricultural Crown Lands, the Veterinary Services Branch and the Animal Industry Branch. Development work on the Tripartite Stabilization Program was also initiated.

Software modifications and enhancements were carried out on the Manitoba Agricultural Credit Corporation's computer system to address that organization's changing needs. The branch provided ongoing support throughout the year.

Staff provided training and support for existing systems and, wherever possible, to new products introduced to various branches. Computer Services also provided information and direction for training sessions conducted outside the branch.

Expenditures by Sub-Appropriation

1 (e) Computer Services	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	238,500	6.00	261,100	(22,600)	
(2) Other Expenditures	43,500		78,400	(34,900)	
Total 1 (e)	282,000	6.00	339,500	(57,500)	

Personnel Services Branch (1F)

The Personnel Services Branch provides for the development, implementation and administration of the departmental personnel program.

The branch helps fill vacant positions within the department and develops training programs for management and staff. Personnel staff also provide payroll services, administer the department's wage and salary system and advise on employee relations issues. In addition, the branch helps implement the department's Affirmative Action Plan and administers the Workplace Health and Safety Committee system.

In the area of training and development, the branch continued to emphasize updating of professional skills (285 days) and management training (191 days) during 1989/90. Identified needs were also met through computer training (32 days) and orientation of new staff (38 days).

Personnel Services helped recruit staff for 11 managerial positions, 30 professional/technical positions and 22 support positions.

Expenditures by Sub-Appropriation

1 (f) Personnel Services	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	189,400	7.00	248,000	(58,600)	1
(2) Other Expenditures	30,000		24,500	5,500	
Total 1 (f)	219,400	7.00	272,500	(53,100)	

Explanation Number:

1. The majority of the difference is the result of temporary staff vacancies in 1989/90.

Program Analysis Branch (1G)

The Program Analysis Branch analyses and evaluates programs to assist in effective delivery of department activities. The branch co-ordinates federal-provincial agreements pertaining to agriculture, and provides management information and analysis support to help management make proactive decisions.

During 1989/90, Program Analysis prepared program narratives for the department's preliminary and final estimates document, the *Supplementary Information for Legislative Review* booklet and other explanatory documents relating to the department's proposed budget. In conjunction with Financial Administration, the branch co-ordinated and edited the legislative sessional notes, an extensive information resource to assist the Minister during the department's expenditure estimates review.

The branch helped co-ordinate the strategic management process undertaken by the departmental executive. The process was intended to map out a department plan to address the opportunities and challenges of the 1990s. The branch also provided management with advice and document preparation assistance in responding to Freedom of Information inquiries and applications for access. In addition, Program Analysis prepared various FOI overview and summary documents for the department.

During the year, the branch updated *Policies and Programs for Manitoba Agriculture*, a publication outlining client services offered by the department. Program Analysis also reviewed various program and administrative areas within Manitoba Agriculture. In conjunction with the Marketing Council, the branch studied and made recommendations on the collection and dissemination of farmland sales data. With the Personnel Services Branch, Program Analysis conducted an administrative review to prepare for possible implementation of recommendations made by the Task Force on Manitoba Multiculturalism.

Under this subappropriation, the branch's federal-provincial co-ordinator was actively involved in monitoring, evaluating and reporting on projects under the Agri-Food Agreement. In addition, the co-ordinator assisted the department in negotiations and in the preparation of development plans for the federal-provincial soil conservation agreement.

Expenditures by Sub-Appropriation

1 (g) Program Analysis Branch	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	136,100	4.00	180,100	(44,000)	
(2) Other Expenditures	12,000		13,500	(1,500)	
Total 1 (g)	148,100	4.00	193,600	(45,500)	

Excess Summerfallow Compensation Program (1H)

The Excess Summerfallow Compensation Program provided a special deficiency payment to producers in the Interlake Region, the Rural Municipality of Brokenhead and the western portion of the Local Government District of Alexander. Producers within this area had excessive soil moisture conditions and were ineligible for the 1986 Special Grains Deficiency payment.

The program was equally cost-shared by the federal and provincial governments and was administered by Manitoba Agriculture through central administrative and regional staff. The payment for each producer was based on the difference between the producer's 1986 summerfallow acreage and the average acreage summerfallowed from 1983 to 1985 as recorded in Canadian Wheat Board permit books.

A total payout of $811,976.00 was made to 511 farmers. Administration costs totalled $24,507.05. The provincial share, allowing for 50 per cent recovery from the Government of Canada, was $418,241.52.

Expenditures by Sub-Appropriation

1 (h) Excess Summerfallow Comp. Prog.	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
(1) Administration	2,900		40,000	(37,100)	1
(2) Assistance Payments	813,100		840,000	(26,900)	
Total 1 (h)	816,000	0.00	880,000	(64,000)	

Explanation Number:

1. The surplus resulted because:
   a) existing staff were utilized to a greater extent than anticipated in implementing the program with no additional cost to the program; and
   b) an appeal panel was not required, thereby reducing planned costs such as per diems and travel expenses.

Manitoba Crop Insurance Corporation (2)

Manitoba Crop Insurance Corporation (MCIC) is responsible for the development and implementation of crop insurance programs as provided for under the Manitoba Crop Insurance Act. MCIC also administers the national tripartite programs in Manitoba, the Canada-Manitoba Waterfowl Damage Compensation Program and other programs for producers as requested from time to time by the Minister of Agriculture. The Corporation's 1989/90 activities and financial data are detailed in the MCIC annual report.

Expenditures by Sub-Appropriation

2 (a) Administration	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
Grants/Transfer Payments:					
- Main Estimate		80.00	4,867,000		
- Main Estimate Authority from General Salary Increase XXV			46,700		
- Supplementary Estimate Authority			1,000,000		
Total Administration	6,314,100		5,913,700	400,400	
Total 2 (a)	6,314,100	80.00	5,913,700	400,400	

Expenditures by Sub-Appropriation

2 (b) Canada-Manitoba Waterfowl Damage Compensation Agreement	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
Grants/Transfer Payments:	246,600		300,000	(53,400)	
Total 2 (b)	246,600		300,000	(53,400)	

Manitoba Agricultural Credit Corporation (3)

The Manitoba Agricultural Credit Corporation (MACC) administers the Manitoba Agricultural Credit Corporation Act. The corporation's activities during 1989/90 are detailed in the MACC annual report.

Expenditures by Sub-Appropriation

3 Manitoba Agricultural Credit Corp.	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
Grants/Transfer Payments:	9,172,200	55.00	16,454,000	(7,281,800)	1

Explanation Number:

1. The surplus is the result of 3 factors:
   a) Allowance for Doubtful Accounts was $3,979,500 lower than anticipated. The Allowance budgeted was not used mainly as a result of two factors:
      i) The farm economy improved and therefore collections were better the anticipated. With a better than expected status of accounts, less allowance was required.
      ii) A change in the Young Farmer Rebate Program was made. Loan statements are now sent out with deduction for the Young Farmers Rebate. If loan payments are made on time the client pays the net amount due. If payment is delayed, the full amount due is required to be paid. This has improved collections.
   b) Special Farm Assistance was $2,369,100 lower than anticipated. The contingent liability expected for the year is voted, although a substantial portion was not realized. Refinancing and other alternatives have proven satisfactory in most cases to date. As time continues, it is expected that these solutions will not be sufficient and increased expenditures will occur.
   c) Loan Guarantees were $894,000 lower than anticipated. Draw of funds from the department by MACC is based on the amount of guarantees required to be provided for or paid. Issued guarantees were less than anticipated resulting in fewer claims than expected.

Agricultural Development and Marketing Division (4)

The Agricultural Development and Marketing Division provides specialist services to field staff and producers. The branches within this division are Animal Industry, Veterinary Services, Soils and Crops, Technical Services and Training, and Marketing.

Administration (4A)

Administrative staff manage the financial resources and personnel of the division to ensure effective implementation of programs and activities.

Expenditures by Sub-Appropriation

4 (a) Administration	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	95,700	2.00	92,800	2,900	
(2) Other Expenditures	12,300		7,900	4,400	
Total 4 (a)	108,000	2.00	100,700	7,300	

Animal Industry Branch (4B)

The Animal Industry Branch provides technical support, specialized services and information to regional extension staff and farmers to enhance the development, productivity, output and marketing of Manitoba's livestock producers. The branch also administers regulations pertaining to the Animal Husbandry Act, Livestock and Livestock Products Act, Dairy Act and Margarine Act.

The branch is comprised of six sections: Beef, Dairy, Nutrition, Feed Analysis and Poultry, Sheep and Swine.

All sections are engaged in comprehensive extension activities through support of, and in co-operation with, regional extension staff. Staff attend regional producer meetings, act as principal speakers or technical advisers at workshops and demonstrations, and conduct both on-farm and telephone consultations. Timely technical information is disseminated through publications, news releases and the mass media. These extension activities cover all aspects of production and marketing, including nutrition, housing, breeding, disease control, genetics, marketing, record keeping, husbandry and management.

The branch provides a variety of services to promote productivity and good livestock management. Staff administer and co-ordinate record of performance (ROP) programs for beef, dairy, sheep and swine and maintain brand registration and a brand book. The branch operates a dairy laboratory for microbiology, milk composition and chemical testing, as well as a feed analysis services laboratory to provide producers with practical and comprehensive nutritional recommendations. To ensure disease control and proper sanitation, staff inspect Manitoba dairy farms, dairy plants and depots, hatcheries and hatchery supply flocks. The branch also implements strategies to promote co-ordination between extension and industry resources.

In co-operation with the Manitoba Livestock Performance Testing Board, the branch developed an on-farm ROP computer module for beef, sheep and swine in 1989/90. The new software offers farmers direct input and instant record analysis.

The following results were achieved by each section during the year:

Dairy Section

Under The Dairy Act and The Margarine Act, the Dairy Section registered 1019 dairy farms and issued 410 licences for dairy plants and technical operators.

Staff provided support for ROP programs for 500 herds involving 24,000 cows.

The Provincial Dairy Laboratory completed a total of 171,135 analyses. The section also conducted 2976 dairy farm, plant and depot inspections, and investigated 42 consumer complaints. The number of farm and plant inspections was lower than projected due to periods of vacancy in inspector positions for farms and dairy plants.

Reducing the provincial average Bulk Tank Somatic Cell Count (BTSCC) was one of the section's priorities. Staff conducted three meetings on mastitis control for professionals such as veterinarians, 20 producer workshops on cell count interpretation, 75 on-farm mastitis clinics and 41 on-farm analyses of milking management. As a result, the average BTSCC was reduced by 20 per cent from 410,000 ml to 330,000 ml.

To promote technology transfer, the section presented four dairying seminars for agricultural lenders and five refresher courses for licensed milk graders, spoke at 21 regional meetings, produced four fact sheets and responded to media inquiries.

Certificates were given to 308 producers who qualified under the new Milk Quality Certificate Program. Staff also attended six appeal hearings of the Manitoba Milk Producers' Marketing Board.

Three milk recording programs previously administered by the branch were successfully transferred to the newly-formed Manitoba Milk Recording Corporation.

Beef Section

More than 12,000 calves were tested through the ROP program and 16,333 cows from 224 herds were evaluated in the beef management program. Five new sires were tested in 26 herds through the Progeny Proving Program. A further 1285 bulls representing eight breeds were evaluated in the beef management program.

The section developed a computerized recording and printing system for 5319 brands. Of these, 2934 were active. The section sent out 1216 renewals and registered 95 new brands. In addition, 961 bills of lading were issued to regional officers and 548 were sold. Twenty-three scale and slaughter number checks were made. The section licensed 110 dealers and 56 agents and completed implementation of livestock dealer licensing and bonding regulations.

Staff initiated three beef extension planning sessions with regional staff to evaluate program needs and implementation. From these workshops, project teams were formed to implement specific technical and training sessions such as the Ultrasound Carcass Workshop series. In addition, staff produced two quarterly publications, a management calendar and material for 25 presentations to producers and staff. The section also developed a National Breeders School followed by 10 smaller workshops.

Two cattle-on-feed inventories were conducted with over 200 cattle feeders. A listing of custom feedlots was prepared in co-operation with the Manitoba Cattle Feeders Association.

Swine Section

Staff presented 22 artificial insemination (A.I.) short courses and administered the Swine A.I. Technician Service Agri-Food Project. As a result of these activities, monthly insemination rates rose to a level of 1700 sows in 102 herds, compared with 424 sows in 51 herds the previous year.

The section developed and implemented a Provincial Swine Herd Health Program with three herds participating. Eleven publications were distributed to 900 subscribers through the Swine Fact Sheet Service and four management newsletters were produced and distributed to all swine producers.

Staff helped organize Manitoba Hog Days in Brandon and the Manitoba Swine Seminar in Winnipeg. Four educational updates were organized for regional staff. The section also administered the Swine Self-Feeder Evaluation Project and the departmental Swine Strategy Team, and conducted 120 technical consultations with regional staff and agri-business personnel.

More than 3900 animals in 30 herds were ROP tested. The number of boars station-tested increased by 56 per cent to 400.

Poultry Section and Feed Analysis Laboratory

The Feed Analysis Laboratory performed 50,120 analyses on 7669 samples, including 3850 Manitoba Crop Insurance Corporation samples and 3819 regular samples. Recommendations on 339 poultry feed samples were given. The laboratory received the Mid-Canada AOAC Award for high achievement in the analytical fields.

Through 280 farm visits, the Poultry Section inspected and approved 77 hatchery supply flocks involving 264,641 birds. About 8990 blood tests were done to

monitor for the diseases Mycoplasma Gallisepticum, Mycoplasma Synoviae and Mycoplasma Meleagridis and to provide data for export shipment. To monitor the effectiveness of vaccination programs, 2296 blood samples were submitted for Enzyme Linked Immunal Sorbent testing.

In a self-monitoring program, rodac plates were supplied to four hatcheries to assess the effectiveness of sanitation measures.

The broiler breeder record keeping program involved 38 flocks, up from 28 the previous year. The section produced and distributed six news bulletins and three editions of *The Clucker* newsletter.

Nutrition Section

The section reviewed the test results of 2425 feed samples and sent out 1198 written recommendations on ration formulations and feeding practices. In addition, several hundred recommendations were made by mail and telephone to producers, veterinarians and agri-businesses.

Staff made presentations at 23 regional producer meetings. Investigations were conducted on trace mineral levels in the Steinbach and Melita areas. A scientific paper on the lysine content of Manitoba barley was published.

Sheep Section

The sheep specialist conducted 36 farm calls and held nine field days on various aspects of sheep management. The section published a bi-monthly industry newsletter and organized the annual sheep seminar and five-day producer tour. Staff also assisted with the industry development programs of the Manitoba Sheep Association and the Manlamb Producers Co-op, and provided technical support and financial administration assistance to the Manitoba Livestock Performance Testing Board.

Expenditures by Sub-Appropriation

4 (b) Animal Industry Branch	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	1,620,200	46.40	1,662,600	(42,400)	
(2) Other Expenditures					
- Grants/Transfer Payments	2,200		2,100	100	
- Other	533,100		512,800	20,300	
Total Other Expenditures	535,300		514,900	20,400	
Total 4 (b)	2,155,500	46.40	2,177,500	(22,000)	

Veterinary Services Branch (4C)

The four main objectives of the Veterinary Services Branch are to advise on the control and prevention of livestock diseases; to encourage the availability and use of veterinary and diagnostic laboratory services; to maximize the use of artificial insemination (A.I.) to improve Manitoba livestock; and to ensure the availability of affordable veterinary drugs and supplies.

The branch administers The Veterinary Services Act, The Animal Diseases Act, The Veterinary Science Scholarship Fund Act and Section VII of The Animal Husbandry Act. Under The Animal Diseases Act, the branch is also responsible for enforcing the humane treatment of animals.

To help meet the continual demand for veterinarians in rural practice, the branch manages the Veterinary Science Scholarship Fund and the Veterinary Student Summer Employment Program. These programs provide veterinary students with financial assistance and practical experience, while encouraging them to practice in rural areas upon graduation. In addition, the Manitoba government shares in the operating cost of the Western College of Veterinary Medicine, along with Saskatchewan, Alberta and British Columbia.

The branch operates the only veterinary diagnostic laboratory in the province. This facility assists rural and urban veterinarians by providing technical and special-

ist services and by monitoring significant livestock diseases. To ensure the availability of rural veterinary services, the branch also administers grants and supervises the operations of municipal animal hospitals.

Veterinary Services also operates the Drug Centre, which provides Manitoba veterinarians with a complete line of supplies, and the Semen Centre, which distributes semen and administers artificial insemination activity. The branch administers A.I. activity to ensure all livestock producers have access to adequate technician services. Technicians receive a limited subsidy based on the number of inseminations.

Through volume buying, the centre is able to purchase and sell drugs at considerable savings which are passed on to the producer. The centre prevents the need for veterinarians to carry a large inventory of products and offers a 24-hour delivery service to anywhere in the province.

During the year, the branch investigated 127 registered complaints of inhumane treatment to animals. Twenty-four complaints were dismissed after investigation and 98 required corrective measures. The branch recommended charges be laid in five cases.

To support research into the control of infectious livestock diseases, the branch provided funding of $15,500 to the Veterinary Infectious Disease Organization. The branch also administered the Rabies Indemnity Program, a federal/provincial initiative to monitor the incidence of rabies in domestic animals.

Through the Veterinary Science Scholarship Fund, financial assistance totalling $14,250 was provided to 32 of the 48 Manitoba students enrolled at the Western College of Veterinary Medicine. The branch also helped fund a survey conducted by the college regarding the demand for veterinary graduates. The salaries of 19 students were subsidized under the Veterinary Student Summer Employment Program.

A total of $444,500 in provincial funding was provided to municipal animal hospitals in 31 districts. This funding helped provide 24 hour service, seven days a week, by 53 veterinarians and their support staff.

The veterinary diagnostic laboratory conducted 296,413 tests, an increase of 16 per cent over the previous year.

To promote the use of artificial insemination, staff helped supervise and organize six A.I. schools which were successfully completed by 90 livestock producers. A total of $49,800 was paid to technicians to offset the cost of 24,147 inseminations.

Sales through the Drug Centre and Semen Centre are detailed on page 48.

Expenditures by Sub-Appropriation

4 (c) Veterinary Services Branch	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	1,498,000	43.15	1,491,100	6,900	
(2) Other Expenditures					
- Grants/Transfer Payments	509,800		479,400	30,400	
- Other	585,900		593,900	(8,000)	
Total Other Expenditures	1,095,700		1,073,300	22,400	
Total 4 (c)	2,593,700	43.15	2,564,400	29,300	

Soils and Crops Branch (4D)

The objective of the Soils and Crops Branch is to provide co-ordinated program development in crop production and soil and water management. In support of this objective, the branch provides regional staff and farmers with technical support, specialized services and information to enhance the productivity, output and marketing capability of Manitoba's crop producers. In addition, the branch administers acts and regulations related to crop, forage and horticultural production, and implements federal/provincial cost-shared programs to reduce soil degradation.

The branch is comprised of six sections: Field Crops, Forage Crops, Horticulture, Crop Management, Land Utilization and Soil Survey, and Soil and Water Management.

All sections are extensively involved in the investigation and demonstration of new crop varieties and production practices. Technical information is also disseminated through publications, news releases and the mass media.

The branch provides a variety of producer services to promote good crop management. Staff operate a soil analysis and plant tissue testing laboratory, conduct soil surveys and diagnose plant diseases. In the area of weed control, staff conduct numerous consultations with farmers and training sessions for rural municipalities, dealers and applicators.

The following results were achieved by the branch in 1989/90:

Field Crops

Staff participated in 44 regional extension meetings to present crop production and varietal information to farmers. The branch co-ordinated varietal testing programs for sunflowers and corn, resulting in the registration of 11 improved sunflower hybrids and 14 new corn hybrids. Three comprehensive bulletins dealing with crop production were updated. Varietal performance data for a broad range of crops was assembled and 23,000 copies of the annual Variety Recommendation booklet were distributed.

New crop investigations included the screening of 17 crops for feasibility of production in Manitoba. Lupins, small-seeded soybeans and lathyrus showed the most promise.

Horticulture

The branch began revisions to The Fruit and Vegetable Sales Act, The Horticulture Societies Act and The Plant Pests and Diseases Act. Horticulture show grants were paid to 35 societies and membership grants to 38 societies. Training was arranged for 96 tree pruners, and 222 renewals or new licences were issued.

Staff carried out 17 field, storage and marketing trials, as well as 14 group meetings and workshops involving 1015 clients and three tours with 145 clients. The branch worked closely with 11 provincial or national associations and administered 11 special projects, including three under the Agri-Food agreement. Staff prepared six publications, 33 newsletters, news releases and radio interviews.

The Homeowner inquiry service continued to operate. Of the 3700 contacts, 65 per cent were handled through the Hort-Line and 35 per cent by staff.

Grassland

Staff were involved in 35 producer meetings attended by 700 growers. Forage consultations were carried out with 72 producers. Ten news releases and eight radio comments were issued on forage production. Three issues of the *Greener Pastures* newsletter were prepared and distributed to 350 forage producers.

Branch staff were heavily involved in implementing the department's Forage Strategy. In co-operation with regional staff, the branch assisted in the formation of the Manitoba Forage Council and helped promote hay marketing.

Crop Management

Staff conducted over 50 field trials to evaluate and demonstrate new technology in soil fertility, disease control and weed control. Publications revised and distributed during the year included *Crop Production Recommendations* and 20,000 copies of the *Guide to Chemical Weed Control*. Staff participated in more than 30 extension meetings and provided update information to farmers through about 50 radio interviews, 20 newspaper articles and 25 news releases.

The branch administered The Noxious Weeds Act and responded to three requests for authorization to conduct weed control operations exceeding the limit of $500 per quarter section as provided for under Section 17 of the Act.

Funding of $409,980 was provided to 33 weed districts in support of municipal activities. This funding was used to identify 2150 weed samples, provide more than 25,000 weed control recommendations, inspect 1,537 fields and issue 462 weed control notices under the Noxious Weeds Act.

The Provincial Soil Testing Laboratory conducted over 23,000 soil analyses and 795 tissue analyses for farmers and agri-business, and provided fertilizer recommendations based on the results.

The Plant Pathology Laboratory analyzed 2349 samples for plant diseases for farmers and agri-business. Under the Dutch Elm disease program, 5280 Hazard Tree forms were processed and 2080 samples were cultured for disease.

Soil and Water Management

During 1989/90 the major activity was development and implementation of the Farming for Tomorrow program under the $18 million Canada/Manitoba Soil Conservation Agreement. Along with regional staff, the branch was instrumental in developing and supporting 44 local organizations and many programs to reduce soil degradation. Staff held more than 60 extension meetings with producers and local governments, and 312 meetings with other departments and agencies. The branch handled 13 applications under the Irrigation Rebate program and conducted 26 on-farm drainage surveys. The Manitoba Drought Centre provided senior management with 15 detailed briefings. Staff also provided technical support to the review process of the Canada Drought Assistance Program.

Land Utilization and Soil Survey

Staff were involved in 115 meetings with municipal officials, the public and other government departments on land use planning considerations. The branch conducted public consultation on a new farm practices protection bill. New detailed soil surveys were conducted on 308,000 acres (124 800 hectares) in southern Manitoba. The branch published soil survey reports and maps for four areas of rural Manitoba and conducted special studies on hazardous waste management and sewage lagoons.

Emergency Drought Relief

Staff provided technical support and guidance to the review processes for three assistance programs in response to the 1988 drought. Staff involvement extended into 1989/90.

Northern Horticulture (4D3)

Through the Northern Horticulture program, the Soils and Crops Branch supported activities in 44 communities, including 89 garden development projects, 21 small business projects and four adaptation trials.

Expenditures by Sub-Appropriation

4 (d) Soils and Crops Branch	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	2,008,700	52.21	2,049,100	(40,400)	
(2) Other Expenditures					
- Grants/Transfer Payments	671,900		675,100	(3,200)	
- Other	426,400		424,800	1,600	
Total Other Expenditures	1,098,300		1,099,900	(1,600)	
(3) Northern Devel. Agreement-Prov.					
(a) Total Salaries	58,000	1.26	62,800	(4,800)	
(b) Other Expenditures	38,100		43,000	(4,900)	
Total 4 (d)	3,203,100	53.47	3,254,800	(51,700)	

Technical Services and Training Branch (4E)

The objective of the Technical Services and Training Branch is to encourage efficiency and growth in the agricultural sector by providing regional extension staff and farmers with technical support in the areas of agricultural engineering, entomology, apiculture, farm management, agricultural training and employment, 4-H and youth, home economics and agricultural societies.

Technical Services and Training provides the direction and overall co-ordination for programs in these areas. To ensure effective program delivery, the branch provides regional staff with in-service training, study materials, publications and other resources. Branch staff are also directly involved in the delivery of these services on a province-wide basis.

The branch's function is partly regulatory. Staff administer the Farm Machinery and Equipment Act, Agricultural Societies Act, Women's Institutes Act, Pesticide and Fertilizer Control Act, Bee Act, Beekeepers Act and Horse Racing Regulation Act. The branch also trains and licenses pesticide dealers and commercial applicators, and provides rebates to municipalities for grasshopper control costs.

Sixty-three agricultural societies receive grants through Technical Services and Training. The branch also provides direction and funding to the Prairie Agricultural Machinery Institute in Manitoba. In addition, staff act as advisers to the Agricultural Committee of Workplace, Safety and Heath, Assiniboine Community College, Canada-Manitoba Agricultural Employment Committee, Manitoba Women's Institute and Manitoba 4-H Council.

The following results were achieved during 1989/90:

Agricultural Extension Centre

The Agricultural Extension Centre (AEC) co-ordinated 677 courses and meetings attended by 27,287 participants. Forty per cent of these meetings were related to agriculture. AEC courses included the Beef Cattlemen's Seminar, attended by 100 people. Staff also helped organize eight meetings held outside the centre, including the Brandon Outlook Conference and Ag Days.

Agricultural Societies

The branch provided $394,539 grants to 63 agricultural societies in Manitoba, and $75,000 to the Keystone Centre in Brandon for operating and capital improvement expenses. Funding and guidance were also given to the Agricultural Hall of Fame ($12,400), Women's Institute ($35,400), Manitoba Farm Vacations Association ($23,700) and Manitoba exhibitors at the Toronto Royal Winter Fair ($20,201). Fifty-four Manitoba farm families were recognized as Century Farm Families during the year.

Agricultural Employment

Staff responded to 16 inquiries related to employee concerns such as hours of work, vacations and workers compensation. The branch co-ordinated two farm employer workshops, an International Agriculture Exchange Association seminar for 30 incoming trainees and two seminars for outgoing trainees.

Two booklets on labour management and farm employment standards were published. Staff also represented the department on five committees related to farm employment initiatives.

Entomology

Apiary inspectors visited 284 beekeepers and inspected 7103 honey bee colonies for American Foulbrood Disease. The branch collected and analyzed 1583 bee samples for the presence of honey bee tracheal mite and analyzed 200 colonies for the Varroa mite.

Staff administered the Municipal Grasshopper Assistance Program. A total of $232,211.46 was paid to 25 municipalities as a rebate for insecticide costs. The annual Manitoba grasshopper survey and forecast map was also completed in 1989/90.

The branch licensed 826 retail pesticide dealers and 708 commercial pesticide applicators. Training courses and written examinations were held for 668 dealers and applicators with various licensing requirements.

Manitoba Farm Machinery Board

The Board registered 86 formal complaints related to farm equipment problems. Requests for assistance involved all facets of the industry, including the servicing of repair parts not readily available from dealerships. In 1989/90 the Board received 70 applications for leave to repossess, down from 132 the previous year.

The Board licensed 395 dealers and 144 vendors, and issued 136 bonds for licensing under The Farm Machinery Act Fund. Staff visited 92 major dealerships to review operations.

Home Economics

This section disseminated update newsletters to field staff, volunteers and fee-for-service home economists on topics such as family living, clothing and textiles,

family resources management and volunteerism. Specialists delivered services directly to the rural public by counselling 14 individuals, speaking at 30 educational events, participating in seven television shows and responding to 16 media interviews. The section also co-ordinated 88 volunteer projects involving 2300 people.

The section conducted two two-day workshops to train home economics staff in the departments of Agriculture and Health. Staff also co-ordinated training sessions for professional home economists who act as volunteers for department programs.

Thirty-two fact sheets were produced during the year. Staff resource manuals such as budgeting and financial guides were once again updated, and a new counselling manual was developed.

Staff were active on several provincial boards and steering committees related to 4-H and farm family issues.

4-H and Youth

4-H staff provided co-ordination and leadership for 273 clubs involving 4884 youth and 2113 adult volunteers.

The section supplied over 93,000 copies of resource materials for 24 projects across the province. Staff directly administered 29 provincial 4-H events, including the annual Highway Clean-Up campaign.

The section sponsored the attendance of 59 members and leaders at out-of-province 4-H activities, as well as a visit to Japan by 15 members and two chaperones.

To raise public awareness of the organization, staff promoted Manitoba 4-H Week and issued 35 news releases, participated in 15 radio and television spots, and published two issues of *Contact* magazine.

The section also conducted a provincial training event for 67 district and regional staff.

Engineering

In co-operation with regional agricultural engineers, the Engineering Section produced a major series of publications for a home study course on agricultural engineering. Almost 1600 people registered for this well-received course. Other publications produced during the year concerned direct-cut grain harvesting, tractor ballasting and sprayer calibration. Staff also had major input into a new Agriculture Canada publication on farm sprayers.

The section held three commercial applicator training courses and tested more than 150 potential applicators.

Using the AutoCAD drafting system, staff designed 10 grain handling systems, five seed plants, 28 vegetable storages and greenhouses and 21 livestock barns for individual farm clients or general distribution. The section distributed 400 Manitoba Agriculture plans and 1000 plans from the Canada Plan Service.

Regional and central staff received help with computer hardware, software and AutoCAD through 600 consultations and nine days of individual training.

To provide engineering information to the public, the section participated in Ag Days, Hog Days and Ag Expo, as well as 16 farm meetings and field days.

The section provided the Prairie Agricultural Machinery Institute (PAMI) with $413,000 in funding and helped with several co-operative projects.

Farm Management

This section produced and distributed 43 farm management bulletins, six major publications and courses, 30 farm management computer programs and 15 research and investigation projects. The section had planned to produce four more major publications but was unable to complete them before year-end due to other assignments.

Staff conducted 16 training seminars and spoke at 24 public meetings. In co-operation with Agriculture Canada, the section also helped co-ordinate and plan a major farm management seminar attended by 178 farm families. The section worked on 11 projects with the University of Manitoba, financial institutions and agri-business.

Northern 4-H (4E4)

In 1989/90, 169 youths and 54 adults participated in 4-H club activities in the communities of Gillam, Sundance, Thompson, Grand Rapids, Flin Flon, The Pas and Carrot Valley. A 4-H foods project was designed that recognized the lifestyles of those living in northern and remote communities. In addition to local projects meetings, members and leaders participated in conferences, leadership training, communications competitions and award trips both at regional and provincial levels.

Bee Compensation Program (4E5)

Under this special assistance program administered by the Entomology Section, all beekeepers were paid $10 for each colony over the 100-colony deductible. A total of $676,720 was paid to 150 beekeepers.

Expenditures by Sub-Appropriation

4 (e) Technical Services & Training Branch	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	1,707,300	52.22	1,802,900	(95,600)	
(2) Other Expenditures					
- Grants/Transfer Payments	498,300		503,100	(4,800)	
- Other	674,300		693,300	(19,000)	
Total Other Expenditures	1,172,600		1,196,400	(23,800)	
(3) Agricultural Societies					
- Grants/Transfer Payments	483,800		499,400	(15,600)	
- Other	44,100		31,800	12,300	
Total Other Expenditures	527,900		531,200	(3,300)	
(4) Northern Dev. Agreement Can/Man					
(a) Total Salaries					
- Main Estimate		3.00	41,300		
- Main Estimate Authority from Enabling Vote XXVI			61,900		
Total Salaries	108,300		103,200	5,100	
b) Other Expenditures					
- Main Estimate			17,600		
- Main Estimate Authority from Enabling Vote XXVI			26,500		
Total Other Expenditures	36,650		44,100	(7,450)	
(c) Less: Recoverable from Northern Affairs					
- Main Estimate			58,900		
- Main Estimate Authority from Enabling Vote XXVI			88,400		
Total Recovery	144,950		147,300	(2,350)	
(5) Commercial Beekeepers					
- Grants/Transfer Payments	686,000		759,000	(73,000)	
Total 4 (e)	4,093,800	55.22	4,289,500	(195,700)	

Marketing Branch (4F)

The objective of the Marketing Branch is to develop new markets and strengthen existing markets for provincially grown and processed food products.

Advising and consulting with marketing boards, producer groups and industry is an important activity of the branch. Staff provide specialized information on marketing opportunities as well as export/import regulations and requirements. As well, the branch provides limited financial assistance to help Manitoba businesses distribute samples to prospective customers and participate in trade shows and missions.

The branch co-ordinates the promotion of Manitoba food products both at home and abroad. Marketing staff play a leading role in outgoing and incoming trade missions, and respond to inquiries from off-shore firms interested in sourcing Manitoba agricultural commodities. Each year the branch publishes the *Manitoba Food Products Directory* and *Manitoba Agricultural Export Directory* for worldwide distribution, as well as a wide variety of booklets and pamphlets highlighting Manitoba food products.

To encourage new food product development, staff work with the Canadian Food Products Development Centre, and the University of Manitoba's Food Science and Food and Nutrition departments. In all branch activities, staff maintain close links with other federal and provincial departments involved in marketing.

In 1989/90, the branch co-ordinated and participated in 25 incoming trade missions. The countries represented included the target markets of Japan, Mexico, Thailand, Malaysia and the United States, as well as Taiwan, the Philippines, China, Guatemala, Sweden and Russia. Mission members were interested in swine and dairy breeding stock, beef cattle, pork and turkey meats, canola, flaxseed and buckwheat.

Marketing staff presented a major swine seminar series in Thailand, Taiwan, Malaysia and the Philippines. The branch once again participated in Foodex '90, a major international food show in Tokyo. Staff were also involved in a federal/provincial trade mission to Mexico to explore cattle export opportunities. The branch helped fund an investigative mission to determine marketing opportunities for dry field peas in Southeast Asia, and a study of the impact of removal of the Japanese oil tariff on the Western Canadian canola industry.

Manitoba and Japan continued to maintain a strong trade relationship. Staff worked with local business and a Japanese firm to increase sales opportunities for pork, turkey and processed meat products. In support of trade with Japan, the branch again co-ordinated a visit to Manitoba by Japanese students, sponsored by York-Benimaru Co. Ltd.

Financial assistance was provided to Manitoba firms on a select number of first-time shipments of food samples to prospective off-shore customers. Staff responded to several inquiries from off-shore firms and helped local business obtain information on regulations for export to off-shore markets.

Branch staff participated in the Canadian Produce Marketing Association's annual trade show in Montreal, as well as six food shows at local malls.

Expenditures by Sub-Appropriation

4 (f) Marketing Branch	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	239,900	7.00	302,700	(62,800)	1
(2) Other Expenditures	265,700		307,600	(41,900)	
Total 4 (f)	505,600	7.00	610,300	(104,700)	

Explanation Number:

1. The majority of the difference is the result of temporary staff vacancies in 1989/90.

Regional Agricultural Services Division (5)

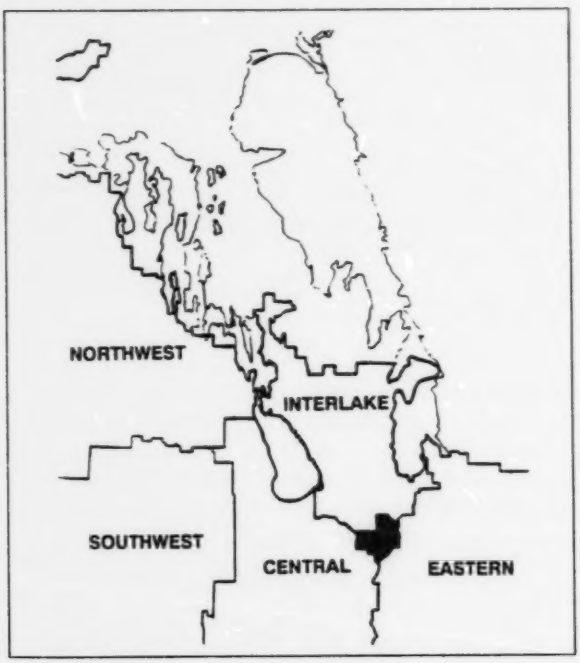
The Regional Agricultural Services Division provides the front-line delivery of Manitoba Agriculture programs aimed at enhancing the viability of family farms and improving the standard of living in rural communities. The division also administers agricultural Crown lands.

The five regional offices and 40 district offices are served by teams of agricultural representatives, home economists, production specialists, engineers and farm management advisers. Their main objective is to help farm families increase their incomes through enhanced farm management skills and production practices.

The regions also help develop rural leadership by providing support to local 4-H and Youth programs. Regional and district staff help ensure the success of 4-H by organizing workshops for club officers, public speaking training, competitions, rallies, member exchange programs and livestock shows. In addition, staff work with community improvement and economic development groups to help build a more promising future for rural youth.

The well-being of the farm family is another concern of the Regional Agricultural Division. Local staff work to promote better understanding of nutrition, food safety and sound family financial management.

Regional and district staff carry out a wide variety of activities to achieve these goals. The regions are involved in extension education, and participate in the planning and delivery of agricultural training through Assiniboine Community College. Staff also make extensive use of producer newsletters, local news columns and local broadcast media to reach farm families. Demonstrations, producer clubs, individual counselling and production planning services are also used to promote better farming practices and management. All of these activities are carried out in accordance with specific department strategies for beef, hogs, crops, forage, farm management, soil and water conservation, home economics, human resources and 4-H.



The following results were achieved by the five regions during 1989/90:

Northwest Region (5A)

Farm Management: Regional staff made 2190 general contacts and 1157 intensive contacts on farm management issues during the year. Intensive contacts involved financial counselling to 86 farm families, expansion planning with 26 families and farm business arrangements with 21 families. Through one-day seminars, staff presented 107 farm management topics such as partial budgeting, enterprise budgeting, farm business planning and taxation.

Staff made greater use of commodity clubs and marketing groups to assist technology transfer. In 1989/90,the region had two crops clubs, one beef club, one swine club and four grain marketing clubs. Five of these eight clubs were newly-formed. The region provided 1775 hours of specialized agricultural training in co-operation with community college programs.

Crop Production Enhancement: Crop production assistance represented the greatest number of producer contacts by regional staff in 1989/90. Staff made 8958 general and 355 intensive contacts for both annual crops and forages. A further 5663 contacts were made on a group basis. Major vehicles for extending annual crop technology were producer field days and tours, farm family seminars and the region's two crops clubs. Three grassland projects and two forage-beef clubs enabled staff to provide forage production technology on a group basis.

Livestock Production Enhancement: Livestock technology was passed on to farmers through 3490 general and 368 intensive contacts. In addition, staff made 1479 contacts on a group basis. Regional staff worked with several organizations, including the swine and beef clubs, Manstock Boar Stud at McCreary, Northwest Swine Breeders Association, Northwest Bull Test Station, performance programs, grassland societies and local veterinary boards.

4-H and Youth: The region provided support to 39 4-H clubs with 788 members. The region also sponsored 49 members to the Camp Wannakumbac summer program, and held weekend conferences for junior and senior members.

Soil and Water Conservation: Under the Farming For Tomorrow program, five local organizations were established and a sixth organization was planned, which would then make the program available to all producers in the region. Staff continued to work with six regional Agri-Food projects, resulting in 74 on-farm demonstrations. Regional and district staff made about 1600 individual contacts related to soil and water conservation, as well as 4193 contacts on a group basis.

Home Economics and Human Resource Management: Regional staff made presentations and conducted group sessions on family living, estate planning, financial matters, foods, nutrition, clothing and textiles to 3325 people. Staff made 374 intensive contacts and 2349 general contacts. Regional home economists also conducted a farm family living cost survey involving 67 families.

Expenditures by Sub-Appropriation

5 (a) Northwest Region	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	1,272,300	34.26	1,335,100	(62,800)	
(2) Other Expenditures	319,000		351,800	(32,800)	
Total 5 (a)	1,591,300	34.26	1,686,900	(95,600)	

Southwest Region (5B)

Farm Management: Farm management counselling in the Southwest concentrated on individual financial problems, farm record-keeping, computer software, farm estate planning, farm business agreements, land transfer, and crop and beef budgets. In addition to 89 extension meetings, staff conducted 1542 individual in-depth consultations. Group education included nine organized groups and 32 courses.

Crop Production Enhancement: Crop production extension concentrated on seed depth, seed quality, chemical residue, disease and pest control, while forage extension focused on rotational grazing using high-tensile electric fencing, fertility demonstrations and variety demonstrations. Staff conducted 1040 in-depth consultations, made 11,000 general contacts and worked with 23 organized groups. In addition, 103 meetings, tours and field days were held to dispense crop production information. Blackleg in canola and flame chlorosis were major areas of concern.

Livestock Production Enhancement: Nutrition, genetic evaluation and feedlot management were the main areas of emphasis in beef production. The Erickson and Douglas Feedlot Projects and several beef production meetings were the main extension vehicles. In dairy, milk recording, nutrition, milking management and herd health were emphasized. In swine, nutrition and reproductive management caused the most concern. Dairy meetings, the ROP Swine Test Station, Hog Days presentations and numerous meetings on swine-related topics provided a well-rounded program in these areas.

Contacts included 1083 in-depth and 8998 general consultations. Staff worked with 33 organized groups and held 78 extension meetings, tours or field days.

4-H and Youth: Southwest staff supported a program of 80 clubs with 1600 members. Highlights for the year included the "Looking Good - Feeling Great" project, many rallies and workshops. In addition, the region sent 80 members to the 4-H senior conference and 60 members to the junior conference.

Soil and Water Conservation: Agri-Food projects resulted in 60 miles of new shelterbelts, 2000 acres (800 hectares) of conservation till and 100 acres (40

hectares) of saline soil management. Under the Farming For Tomorrow program, 15 local farmer organizations were formed. Staff conducted 309 in-depth consultations and 5599 general contacts in this program area. Numerous meetings, tours and workshops were also held.

Home Economics and Human Resource Management: The region emphasized farm financial management, with 24 presentations to community groups and displays at five events. As well, 25 families were counselled in financial management. Another highlight was the Southwest Farm Women's Conference, attended by 130 people. Providing sound nutrition information continued to be a focus; 42 presentations were made to 714 individuals. In the overall Human Resources area, regional staff made 134 in-depth consultations and 2275 general contacts.

Expenditures by Sub-Appropriation

5 (b) Southwest Region	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	1,700,200	46.43	1,782,000	(81,800)	
(2) Other Expenditures	331,700		331,700	0	
Total 5 (b)	2,031,900	46.43	2,113,700	(81,800)	

Central Region (5C)

Farm Management: Regional staff worked with 110 families in financial difficulty and prepared 61 estate plans for individual clients. Nine new farm business groups were launched, bringing the total number of graduates from the five-year program to 437 farmers. Staff spoke on financial matters at several general farm meetings and provided support to four marketing clubs. Three new crops clubs were added to several existing crops and marketing clubs in the region.

Crop Production Enhancement: Four ICM sites and a discer-seeder site were established in the spring of 1989. The winter wheat site was dropped due to drought and low plant stands. The region continued a project comparing the value of soil testing and tissue testing. As well, staff conducted several variety and herbicide demonstrations in co-operation with private industry and growers' associations. The region received over 6000 inquiries related to weed control alone and noted an increased interest in organic farming.

During the year, 35 new pasture management projects were initiated, along with seven Agri-Food projects related to forage management. Staff continued to promote forage marketing through the regional hay marketing committee. More than 500 farmers attended demonstrations on topics such as fertility, bale handling, salinity, ammoniation, fencing and rotational grazing. Staff were also involved in negotiations with private interests to construct an alfalfa processing plant in the region.

Ag Expo, a major extension/trade show, was established at Morris. The first show drew several hundred exhibitors and about 12,000 attendees.

Livestock Production Enhancement: Regional staff made 5400 client contacts directly related to beef management and provided support to beef producer groups in five districts. Beef extension priorities included feed testing, bull evaluation and record-of-performance (ROP) analysis.

Staff continued to provide dairy extension through the Central Manitoba Holstein Club and two subsidiary groups. The Central Region Dairy Improvement Program was in full swing and was extended to December 31, 1990. The regional dairy technician worked with 45 young dairy producers to improve management and production.

In swine extension, staff held a series of reproductive seminars and general meetings, and made presentations at farrowing schools. The region continued to offer ROP testing.

Livestock building design and construction represented the greatest area of demand for regional engineering services.

Soil and Water Conservation: Staff helped form 16 new soil and water management groups. More than 400 miles of field shelterbelt were planted. Much emphasis was placed on construction of small dams and gully stabilization along the escarpment and Pembina Valley. Central Region ag reps also participated in department efforts to control stubble burning around Winnipeg.

4-H and Youth: Staff provided support to 81 clubs with 1156 members. Activities included two weekend educational camps, leadership events and seminars.

Home Economics and Human Resource Management: The region helped Assiniboine Community College present 39 courses and held one-day seminars on topics such as family finances, self-esteem and family life. Staff made several presentations on nutrition, including six "Heart Smart" courses.

Financial management continued to be an extension priority with farm couples. Family-related themes were addressed through a regional farm family seminar and the Westlake Farm Women's seminar.

Expenditures by Sub-Appropriation

5 (c) Central Region	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	1,811,000	45.41	1,735,900	75,100	
(2) Other Expenditures	323,400		332,800	(9,400)	
Total 5 (c)	2,134,400	45.41	2,068,700	65,700	

Eastern Region (5D)

Farm Management: Staff conducted 436 in-depth consultations related to farm finances and management. Through three farm business groups, farmers gained knowledge of computer applications. Dairy lender seminars were aimed at promoting interest and understanding of credit needs and debt carrying capacity. A computer program was developed to analyze farmers' historical financial records.

Crop Production Enhancement: The region provided crop production information through 63 extension meetings, six farm tours and 63 demonstrations. Staff conducted 650 in-depth consultations and made 5957 general contacts. Five biological weed control sites were established. The region also helped nine municipalities deal with matters related to the Canadian Crop Drought Assistance Program.

Staff supported forage marketing by operating a hay listing service and a new hay compacting evaluation to access distant markets with high quality forage. The region made 1315 general and 79 in-depth contacts related to forage extension, conducted 20 meetings and tours, and managed projects at the Seven Sisters Grassland Site. Demonstrations of pasture management, roughland seeding, varieties, fertility, hay preservation and soil conservation were conducted at 67 sites.

Staff worked with six producer organizations to promote appropriate forage technology. Two of these groups participated in major Agri-Food projects. Through the Seven Sisters project, producers placed 178 replacement beef and dairy heifers on 144 acres (58 hectares) of pasture grown on marginal crop land, resulting in an estimated net return of $77 per acre ($193 per hectare) after cash costs.

Livestock Production Enhancement: Eastern Region staff placed greater emphasis on swine extension in 1989/90. In addition to individual consultations, staff organized seven workshops on topics ranging from artificial insemination to marketing.

Beef extension focused on breeding and herd improvement. A total of 37 herds were maintained on the ROP program. Group extension activities included a market outlook teleconference, three information meetings on stabilization, an artificial insemination course, 12 extension meetings and two tours. Staff also demonstrated management practices for replacement beef heifers at the Seven Sisters project and conducted four on-farm demonstrations.

In dairy extension, staff promoted replacement heifer management by conducting demonstrations and assisting with an Agri-Food project. Eighteen dairy extension meetings were held in conjunction with the Eastern Manitoba Holstein Club and local dairy clubs.

The regional engineer helped 103 producers with designs for new or renovated livestock facilities. Staff continued to maintain close contact with industry representatives.

Livestock extension included 401 in-depth consultations, 2995 general contacts and co-operation with 19 producer organizations.

4-H and Youth: Staff provided support to 31 clubs with 480 members and 172 adult leaders. Activities included exchange trips, rallies, competitions, junior and senior conferences, workshops, and horse and beef shows. The region also operated a 4-H camp at Star Lake for 50 members.

Soil and Water Conservation: Four local organizations developed projects under the Farming For Tomorrow program. Staff organized a tillage demonstration and promoted establishment of 35 miles of shelterbelt.

The region also reviewed 222 subdivision applications and helped two municipalities prepare development plans aimed at better protection of the agricultural industry.

Home Economics and Human Resource Management: To provide information on farm family issues and resource management, regional staff organized three seminars and spoke at 67 group events and 180 extension meetings. Eastern Region home economists made 2066 individual contacts during the year.

In co-operation with Assiniboine Community College, the Manitoba Agricultural Training Project and Employment and Immigration Canada, staff conducted 11 training sessions on topics ranging from computer training and welding skills to crop and livestock production. Regional staff also conducted three courses on computer applications related to farm business management.

Expenditures by Sub-Appropriation

5 (d) Eastern Region	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	1,115,300	27.26	1,130,100	(14,800)	
(2) Other Expenditures	223,500		246,800	(23,300)	
Total 5 (d)	1,338,800	27.26	1,376,900	(38,100)	

Interlake Region (5E)

Farm Management: Extension efforts focused on estate management, tax planning strategies, assisting producers in financial difficulties, new entrants into the industry, and grain marketing clubs. Farm business management principles were taught through four beef production clubs, one sheep club and two grain marketing clubs. The region helped deliver four courses in computers and farm management to 62 farm families. Staff dealt with 675 general contacts in farm management and 152 individual counselling cases.

Crop Production Enhancement: Staff dealt with 3961 general contacts and 41 individual problem cases. Seven district meetings were held on various production problems. Three crop tours demonstrated new techniques, varieties and chemical applications. Staff played a key role in the activities of the Manitoba Forage Seed Project. Cost of production budgets for provincial use were prepared for alfalfa seed, timothy, bird's-foot trefoil and red clover. Forage management techniques were demonstrated at continuing projects in six locations. Staff played an advisory and promotional role in the forage seed research work by the University of Manitoba, especially at their Arborg research site.

Livestock Production Enhancement: The region was responsible for the overall operation and management

of the Gunton Bull Test Station. Two-thirds of the bulls that made the performance grades for the sale were sold back into the region. This genetic improvement is generating significant improvements in record of performance data from select herds. This work was complemented by Agri-Food projects on cow-calf and heifer management.

The region continued to manage the forage project at Narcisse, the oldest forage trial in the province. This trial has provided significant information on the longevity of forage species under controlled grazing management.

Regional seminars were attended by more than 200 beef producers and 150 dairy producers. Three local meetings were held on swine production. Major activities for regional livestock technicians included hog probing for ROP and cattle weighing for beef ROP. There was a heavy demand for engineering advice on hog and dairy barns. Staff dealt with 2704 general contacts and 302 individual counselling problems.

4-H and Youth: While the number of clubs increased by 10 per cent to 43, the number of members and leaders dropped by five per cent to 700 and 324 respectively. Participation in public speaking and demonstration projects continued to increase. Activities included workshops on livestock and home economic projects, two successful regional conferences and a head leader training program. The region met its full quota of members and leaders participating in provincial travel and leadership activities.

Soil and Water Conservation: Staff helped Manitoba Natural Resources manage the Washow Bay Water Management Project. Although no funding was allocated, Phase II of the agreement was signed in September and preliminary work proceeded. Several activities dealing with trash management, shelterbelts, salinity and organic soils were carried out under two major soil conservation projects. A tillage demonstration day was held with over 170 producers in attendance. Arrangements were made to expand the two organizations involved to cover the whole region under the Farming For Tomorrow program. Staff dealt with over 300 subdivision requests and most were approved. Several consultations were held with farmer groups and municipalities on livestock waste management, zoning disputes and land use. Staff helped three planning districts review their development plans. With the Eastern Region and Agriculture Canada, staff administered and delivered the Excess Summerfallow Compensation Program.

Human Resources Management: Regional home economists conducted 449 in-depth consultations and made 5094 general contacts. Extension efforts focused on job re-entry programs, small business development, financial counselling, community leadership and consumer issues. News columns and the regional home economics magazine were the main vehicles for extending consumer and financial information to rural families. Several workshops on nutrition, clothing, family living and housing were delivered.

Expenditures by Sub-Appropriation

5 (e) Interlake Region	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	1,264,100	34.03	1,325,500	(61,400)	
(2) Other Expenditures	297,900		292,000	5,900	
Total 5 (e)	1,562,000	34.03	1,617,500	(55,500)	

Agricultural Crown Lands Branch (5F)

The primary objective of the Agricultural Crown Lands Branch is to effectively administer the allocation and use of provincial Crown lands designated for agricultural use. A secondary objective is to encourage lessees to use improved management practices which will increase productivity.

A major activity of the branch is the administration of long-term forage and cropping leases of agricultural Crown land. Lands available for long-term lease are publicly advertised for rent, and are allocated on a points system based on need.

The branch represents the agricultural viewpoint in the assessment of Crown land for multi-resource use, and classifies land for the Crown land sale program.

Community pastures are administered through the joint efforts of the branch and the Prairie Farm Rehabilitation Administration. The branch also administers programs to help lessees improve the productivity of suitable Crown land.

In 1989/90, the branch administered 2566 long-term forage leases totalling 1.6 million acres (647,500 hectares) and 204 cash rental cropping leases totalling 43,000 acres (17,400 hectares). In addition, 1747 short-term (annual) permits were issued, allowing haying or grazing on a further 75,000 acres (33,500 hectares). During the year, 487 parcels of land were advertised for long-term lease and 79 per cent were allocated.

Field service staff made 3942 field contacts and received 5540 client office visits related to lease administration and management. The branch participated fully in the activities of the Crown Land Classification Committee and helped develop about 20 land use plans in co-operation with local municipalities and/or planning districts.

Through the community pastures program, 969 patrons pastured 31,588 cattle and 2412 horses on 24 pastures in Manitoba.

A Rangeland Management Program was introduced to help lessees adopt rangeland management practices that will enhance forage lease productivity on a sustainable basis. The main component of the program is the development of a farm specific production plan, supported by financial incentives, to encourage the adoption of new management practices.

Expenditures by Sub-Appropriation

5 (f) Agricultural Crown Lands Branch	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	1,337,400	42.36	1,324,400	13,000	
(2) Other Expenditures	503,900		817,300	(313,400)	1
Total 5 (f)	1,841,300	42.36	2,141,700	(300,400)	

Explanation Number:

1. The majority of the decrease is the result of less claims than anticipated under the Crown Lands Improvement Program.

Policy and Economics Division (6)

The Policy and Economics Division conducts research and analysis and advises on departmental policy and program development for Manitoba's agriculture industry. The division also provides funding for University of Manitoba research projects and administrative support to boards and commissions.

Administration (6A)

Administrative staff manage the division's financial and human resources and provide leadership to ensure effective implementation of programs and activities.

Expenditures by Sub-Appropriation

6 (a) Administration	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	91,400	2.00	92,700	(1,300)	
(2) Other Expenditures	15,200		15,900	(700)	
Total 6 (a)	106,600	2.00	108,600	(2,000)	

Economics Branch (6B)

The objectives of the Economics Branch are to provide agricultural statistical, marketing and production information to the public and staff, and to co-ordinate the department's long-term policy and program development.

The branch provides professional and technical support for economic analysis, advises on federal and provincial policies and programs, and disseminates agricultural statistics. Economics staff also analyze domestic and international commodity markets and distribute this information to staff, the agricultural industry and producers.

During 1989/90, the branch provided the department with background support data regarding the national tripartite stabilization plans for hogs, cow/calf, slaughter cattle, lambs, sugar beets, honey, onions and dry edible beans. Staff represented the Manitoba government at meetings of the various national tripartite management committees.

The branch participated extensively in the federal agricultural review process, representing the Manitoba government on several committees and subcommittees. Areas of particular emphasis were safety nets and transportation. A staff member provided technical support and acted as secretary to the Manitoba Agri-Food Advisory Council, helping to organize meetings, take minutes and do follow-up work associated with Council activities.

In conjunction with Ag Days, staff held one-day market outlook conferences in both Brandon and Winnipeg to assist farmers and the agriculture industry with production and market planning.

The branch published the annual *Manitoba Agricultural Review* and prepared the database for the annual *Manitoba Agriculture Yearbook*. From May to September, staff prepared weekly summer crop reports and monthly agricultural condition reports. More than 100 statistical releases were prepared on items such as farm net income, farm capital, debt and bankruptcy, price and production indices, land values, crop production estimates, livestock numbers, herbicide usage and special crops surveys. Other publications prepared by the branch included *A Look at Manitoba Agriculture* and the *Manitoba Statistical Fact Sheet*. Staff also compiled data for discussion with Statistics Canada.

To assist with various soil and water projects, staff worked with the Soils and Crops Branch, Manitoba Natural Resources, the Prairie Farm Rehabilitation Administration and other agencies.

Expenditures by Sub-Appropriation

6 (b) Economics Branch	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	555,400	16.00	658,300	(102,900)	1
(2) Other Expenditures	101,700		121,200	(19,500)	
Total 6 (b)	657,100	16.00	779,500	(122,400)	

Explanation Number:

1. The majority of the difference is the result of temporary staff vacancies in 1989/90.

Manitoba Natural Products Marketing Council (6C)

The goal of the Manitoba Natural Products Marketing Council is to provide effective administration of the Manitoba Natural Products Marketing Act. The Council serves as an appeal body for individuals affected by the decisions of marketing boards and commissions, and supervises producer marketing plans.

Staff support the work of the Council by arranging materials for regular meetings and appeals; analyzing proposed regulations, quota orders and national marketing issues; advising departmental executive on marketing policy issues; and responding to public and producer inquiries. Staff also maintain contact with management staff of producer boards and commissions, other provincial supervisory councils and the National Farm Products Marketing Council.

In 1989/90, the Council supervised the following marketing boards and commissions:

- The Manitoba Beef Commission
- The Manitoba Broiler Hatching Egg Commission
- The Manitoba Chicken Broiler Producers' Marketing Board
- The Manitoba Egg Producers' Marketing Board
- The Manitoba Hog Producers' Marketing Board
- The Manitoba Honey Marketing Board
- The Manitoba Milk Producers' Marketing Board
- The Manitoba Turkey Producers' Marketing Board
- The Manitoba Vegetable Producers' Marketing Board

The Council met 11 times during the year, hearing four appeals against the Manitoba Beef Commission and receiving 12 producer board delegations and four non-board delegations. Council members and staff met with the Minister 12 times to discuss various marketing issues.

Staff reviewed industry concerns related to broilers, hogs and dairy, and responded to an inquiry about producer board members' eligibility. The Council conducted a producer plebiscite and extensive industry consultations to resolve contract settlement procedures in the potato processing industry. The possibility of a voluntary industry agreement was under active consideration by fiscal year-end.

The Council approved a variety of quota order amendments to reflect technological changes, refinements in quota transfer policies and consolidation of previous amendments. Levy approvals reflected changing requirements for administration, promotion and penalties.

Expenditures by Sub-Appropriation

6 (c) Manitoba Natural Products Mktg Council	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	134,600	4.00	167,000	(32,400)	
(2) Other Expenditures	38,600		40,200	(1,600)	
Total 6 (c)	173,200	4.00	207,200	(34,000)	

The Council participated in two federal-provincial supervisory meetings, in which items under consideration included federal agency finances, provincial quota allocation methods, quota transfer mechanisms and applications for admission into the Canadian Chicken Marketing Agency by Alberta and the Northwest Territories.

Milk Prices Review Commission (6D)

As the administrative authority for The Milk Prices Review Act, the Milk Prices Review Commission establishes and enforces milk prices at the producer, wholesale and retail level. The Commission also monitors the cost-of-production formula for fluid milk.

In 1989/90, the Commission established milk prices to the producer based on the cost-of-production formula, and set maximum retail and wholesale prices for fluid milk. Complete details on the Commission's activities can be found in the Commission's annual report, published under separate cover.

Expenditures by Sub-Appropriation

6 (d) Milk Prices Review Commission	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
Grants/Transfer Payments	32,400		29,900	2,500	
Total 6 (d)	32,400		29,900	2,500	

The Manitoba Farm Lands Ownership Board (6E)

The Board's objective, through administration of The Farm Lands Ownership Act, is to preserve farmland for use by existing and future generations of Manitoba residents and family farm corporations.

Staff receive statutory declarations made by recipients of Manitoba farmland in excess of 10 acres (four hectares). In examining these declarations, the Board considers whether these individuals intend to establish residency and, in the case of corporations, whether they qualify as family farm corporations as defined in the Act. The information on these forms is entered into a computer and used by the Economics Branch to establish sale and price trends. Staff investigate all complaints as well as any transfers of a questionable nature.

Applications for exemption under Section 3(3) of the Act are received and investigated. All information received is reported to the Board.

In 1989/90, the Board met seven times and made 199 deliberations. A total of 6,792 statutory declarations covering farmland transfers were received during the year, compared to 6,426 the previous year.

Expenditures by Sub-Appropriation

6 (e) Manitoba Farm Lands Ownership Board	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	101,700	4.00	144,000	(42,300)	
(2) Other Expenditures	45,100		33,700	11,400	
Total 6 (e)	146,800	4.00	177,700	(30,900)	

Agricultural Research University of Manitoba — Grant (6F)

The University of Manitoba grant provides financial support to the Faculty of Agriculture for conducting research projects. These projects are aimed primarily at enhancing the productivity and growth of Manitoba's agricultural sector. Through a general agreement with the university, Manitoba Agriculture financially assists the Glenlea Research Station and research projects conducted by the faculty.

Manitoba Agriculture funding of over three-quarters of a million dollars represented a significant proportion of government and corporate contributions for the faculty's 1989 research activities. The following departments within the Faculty of Agriculture received grant monies to assist in their research activities:

- Agricultural Economics and Farm Management
- Animal Science
- Entomology
- Food Science
- Plant Science
- Soil Science

Expenditures by Sub-Appropriation

6 (f) Agricultural Research Grant	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
Grants/Transfer Payments	875,500		875,500	0	
Total 6 (f)	875,500		875,500	0	

Manitoba Farm Mediation Board/Family Farm Protection Act (6G)

The objective of the Manitoba Farm Mediation Board, through the administration of the Family Farm Protection Act, is to aid farmers in protecting and sustaining their agricultural operations through difficult economic times.

In 1989/90, the Board received 308 applications from both lenders and farmers for assistance in reducing farmers' financial difficulties. An additional 221 applications were carried over for processing from the previous year, bringing the total number of applications available for processing in 1989/90 to 529. During the year, 355 of these 529 applications were completed.

The Special Farm Assistance Fund, provided by the department, was jointly administered by the Manitoba Farm Mediation Board and the Manitoba Agricultural Credit Corporation to relieve the debt burden of producers who agreed on viable option plans with their lending institutions. In 1989/90, the Manitoba Farm

Expenditures by Sub-Appropriation

6 (g) Farm Family Protection Act	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	235,200	6.00	248,900	(13,700)	
(2) Other Expenditures	617,700		501,100	116,600	1
Total 6 (g)	852,900	6.00	750,000	102,900	

Explanation Number:

1. The Manitoba Mediation Board's operations are driven by outside demands from financial institutions and farmers. Lower activity of approximately 290 cases was assumed in estimating when in fact 355 were completed due to the continued poor economic conditions in the farming sector.

Mediation Board had guarantees in place for 97 new farmer clients for a total sum of $3,512,380 over a five-year period.

Of the total guarantee of $835,379 payable during the 1989/90 fiscal year, $419,767 was paid by the Board. The remaining $415,612 was paid by farmers who were able to make annual payments based on individual cash flow.

Through the year, the Manitoba Farm Mediation Board and the courts continued to review impending foreclosures and recommended alternative solutions. Farmer or peer advisory panels continued to play a role in the mediation process.

Agricultural Producers' Organization Certification Agency (6H)

The Agricultural Producers' Organization Certification Agency administers the Agricultural Producers' Organization Funding Act. The Agency certifies one general farm policy organization and designates commodity organizations, subject to producer referendums. All of these organizations are authorized to deduct membership fees from producer marketings of agricultural products.

Administrative support is provided by staff of the Manitoba Natural Products Marketing Council. Staff review petitions for Agency meetings, and conduct referendums among producers to determine whether commodity organizations should be designated under the Act. Staff also help draft regulations and respond to inquiries from producer groups interested in being designated.

In 1989/90, the Agency designated the Manitoba Pulse Growers Association Inc. as the first designated commodity organization. The pulse growers' referendum involved 1,545 eligible voters, 326 eligible returned ballots and an affirmative vote of 78.8 per cent.

The Agency met two times during the year, primarily to deal with the pulse growers' petition. Agency staff responded to inquiries from four other producer organizations. One draft petition was under review at fiscal year-end.

In 1989/90, this department helped implement two federal-provincial initiatives: the Agri-Food Agreement and the Soil Conservation Agreement.

Expenditures by Sub-Appropriation

6 (h) Certification Agency	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
Other Expenditures	5,400		15,000	(9,600)	1
Total 6 (h)	5,400		15,000	(9,600)	

Explanation Number:

1. The rate of application for commodity-group designations was lower than anticipated during the first year of operation.

Federal-Provincial Agreements (7)

Agri-Food Agreement (7A)

The Agri-Food Agreement is administered through the Agreement Management Committee in conjunction with the department's federal-provincial co-ordinator and other Manitoba Agriculture staff.

The role of staff is to co-ordinate Agri-Food projects and assist in their development and approval. Staff provide summary descriptions of projects as well as financial control, contract co-ordination, monitoring and evaluation. They also co-ordinate communications efforts related to the agreement.

In 1989/90, projects were conducted to aid:

- crop production technology transfer
- crops adaptation and evaluation
- livestock and forage production technology transfer
- new product development and market infrastructure
- soil management research
- farm management extension education and farm decision-making aids.

Expenditures by Sub-Appropriation

7 (a) Agri-Food Agreement	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
- Main Estimate			657,500		
- Main Estimate Authority from Enabling Vote XXVI			986,300		
Total Other Expenditures	1,421,700		1,643,800	(222,100)	
Total 7 (a)	1,421,700		1,643,800	(222,100)	

Soil Conservation Agreement (7B)

The Soil Conservation Agreement provides financial incentives to promote specific soil conservation practices on farms. To receive these incentives, farmers must develop technically-sound on-farm plans, which are approved by local organizations under agreements with the federal and provincial governments. Government staff provide advice and technical support to participating farmers and organizations.

A total of $11.6 million in federal and provincial funds were committed to the project in August, 1989. During the remainder of the fiscal year, staff helped set up 44 local organizations, including several established under previous agreements. These organizations were helped to develop several soil conservation projects for implementation in 1990/91.

Expenditures by Sub-Appropriation

7 (b) Soil Conservation Agreement	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
- Main Estimate			400,000		
- Main Estimate Authority from Enabling Vote XXVI			600,000		
Total Other Expenditures	50,700		1,000,000	(949,300)	1
Total 7 (b)	50,700		1,000,000	(949,300)	

Explanation Number:

1. The voted authority was based upon a complete year of activity. The Agreement, however, was not signed until August, 1989 and initial expenditures did not occur until the last quarter of 1989/90.

Income Insurance Fund (8)

Manitoba Agriculture's Income Insurance Fund provides funding for several plans aimed at providing income stability for participating producers. In 1989, these included the Beef Stabilization Plan, which was cost-shared by the provincial government and participating producers, and six tripartite plans, which were equally funded by the provincial government, the federal government and participating producers.

Administration (8A)

Administrative costs for the tripartite plans were paid by the provincial and federal governments in addition to their premium contributions. Staff of the Economics Branch provided the Minister with economic analysis relative to each plan.

Expenditures by Sub-Appropriation

8 (a) Administration	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
Grants/Transfer Payments:					
- Main Estimate		10.00	696,800		
- Main Estimate Authority from General Salary Increase XXV			3,300		
Total Administration	400,300		700,100	(299,800)	1
Total 8 (a)	400,300	10.00	700,100	(299,800)	

Explanation Number:

1. Establishment of a unit within the Manitoba Crop Insurance Corporation to administer tripartite programs was delayed until the late fall of 1989. Temporary vacancies resulted in the majority of surplus funds.

Beef Stabilization Plan (8B)

The Beef Stabilization Plan provided income stability through a voluntary insurance program funded by producers and the Manitoba government.

Registered participants and the province paid premiums into the stabilization fund. Participating producers received payments from the fund when the market price dropped below a predetermined level of support. When payouts exceeded premium contributions, the shortfall was covered by a provincial loan to the Manitoba Beef Commission. The plan also operated a voluntary central desk marketing system for the sale of finished cattle for both participating producers and non-participants.

About 3500 contracts remained active and in good standing when the plan terminated on June 30, 1989. At that time, deficits in individual producer accounts in good standing were written off and surpluses in accounts in good standing were fully refunded.

The Manitoba Beef Commission continued to operate to collect outstanding accounts receivable and manage the marketing desk. For April, May and June of 1989, marketings through the commission continued to be 93.8 per cent A1 grade cattle.

Expenditures by Sub-Appropriation

8 (b) Beef Stabilization Plan	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
Grants/Transfer Payments	1,638,200		1,080,800	557,400	1
Total 8 (b)	1,638,200		1,080,800	557,400	

Explanation Number:

1. The majority of the difference is due to lower than anticipated market prices which required stabilization payments ($543.0) and increased the plan's deficit during the phase down of the plan.

Tripartite Cattle Stabilization (8C)

The Tripartite Cattle Stabilization Plan provides stabilization payments to participating cattle producers through a voluntary seven year insurance program. The plan is administered by the Manitoba Crop Insurance Corporation.

During 1989/90 the feeder and slaughter cattle plans (effective October 1, 1988 in Manitoba) and the cow-calf plan (effective January 1, 1989) formed the basis of price support to cattle producers. Payouts were triggered by low prices in 10 of 12 months in the slaughter plan, and in five of 12 months in the feeder plan. No payout was triggered in the cow/calf plan as prices were above the support level. All producers across Canada paid the same premium and received the same level of support per animal enrolled.

Through the plan, Manitoba producers were better able to compete with producers in other provinces in terms of purchasing feeder cattle. As such, total cattle movement to Saskatchewan and Alberta was down 21 per cent from 1988.

Expenditures by Sub-Appropriation

8 (c) Tripartite Cattle Stabilization	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
Grants/Transfer Payments	2,391,900		2,562,000	(170,100)	1
Total 8 (c)	2,391,900		2,562,000	(170,100)	

Explanation Number:

1. Surplus is the result of lower volumes stabilized than originally expected. This is a first year program with no past experience available on which to base estimates. Not as many producers joined and those joining had less cattle than expected.

   Included in the actuals is $24,000 for Tripartite Onion Stabilization premiums. This was a new program in 1989/90 which provided price stabilization for Manitoba's onion producers.

Tripartite Hog Stabilization (8D)

The Tripartite Hog Stabilization Plan provides stabilization payments to participating hog producers through a voluntary 10 year insurance program. The plan was initiated in 1986 and is administered with the assistance of Manitoba Pork Est.

In 1989/90 the plan was the main form of price support to hog producers. Payouts were triggered by low prices in all four quarters of the fiscal year. All producers enrolled in the plan received the same level of support per unit of marketed production.

The number of hog production units enrolled in the plan increased 22 per cent in 1989/90 while the volume enrolled in the plan increased 10 per cent.

Expenditures by Sub-Appropriation

8 (d) Tripartite Hog Stabilization	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
Grants/Transfer Payments	6,154,000		5,580,300	573,700	1
Total 8 (d)	6,154,000		5,580,300	573,700	

Explanation Number:

1. The variance is the result of higher premiums due to a) increased volumes stabilized as the ceiling on allowed sales per quarter was eliminated and b) increased premiums due to higher market prices.

Tripartite Sugar Beet Stabilization (8E)

The Tripartite Sugar Beet Stabilization Plan provides stabilization payments to participating sugar beet producers through a voluntary 10 year insurance program. The plan, initiated with the 1987 crop, is administered by the Manitoba Crop Insurance Corporation with the assistance of the Manitoba Sugar Company.

Payouts were triggered due to low prices in the 1987 and 1988 crop years. All producers enrolled in the plan paid the same premium and received the same payout per standard tonne of sugar beets marketed.

The number of sugar beet production units enrolled in the plan decreased one per cent in 1989/90 while the volume enrolled in the plan remained constant at 100 per cent.

Expenditures by Sub-Appropriation

8 (e) Tripartite Sugar Beet Stabilization	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
Grants/Transfer Payments	337,300		364,000	(26,700)	
Total 8 (e)	337,300		364,000	(26,700)	

Tripartite Bean Stabilization (8F)

The Tripartite Bean Stabilization Plan provides stabilization payments to participating dry edible bean producers through a voluntary 10 year insurance program. The plan was initiated with the 1987 crop and is administered by the Manitoba Crop Insurance Corporation with assistance from bean dealers operating in Manitoba.

Payouts were triggered due to low prices in the 1987 crop year but higher prices in 1988 meant no payout was required. All producers enrolled in the plan paid the same premium and received the same level of support per tonne of marketed production.

The number of bean production units enrolled in the plan increased 13 per cent in 1989/90 while the volume enrolled in the plan dropped by 27 per cent.

Expenditures by Sub-Appropriation

8 (f) Tripartite Bean Stabilization	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
Grants/Transfer Payments	100,400		306,000	(205,600)	1
Total 8 (f)	100,400		306,000	(205,600)	

Explanation Number:

1. Fewer marketings than expected in 1989/90 reduced premium requirements. The major reason for reduced marketings was carry-over stocks expected to be marketed in 1989/90 were sold in 1988/89 to take advantage of favorable prices.

Tripartite Lamb Stabilization (8G)

The Tripartite Lamb Stabilization Plan provides stabilization payments to participating lamb producers through a voluntary seven year insurance program. The plan became effective March 1, 1989 and is administered by the Manitoba Crop Insurance Corporation.

Payouts were triggered due to low prices in all four quarters of the 1989/90 fiscal year. All producers enrolled in the plan paid the same premium and received the same level of support per unit of marketed production.

Expenditures by Sub-Appropriation

8 (g) Tripartite Lamb Stabilization	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
Grants/Transfer Payments	15,700		15,600	100	1
Total 8 (g)	15,700		15,600	100	

Explanation Number:

1. This was a new program which provided price stabilization for Manitoba's lamb producers.

Tripartite Honey Stabilization (8H)

The Tripartite Honey Stabilization Plan provides stabilization payments to participating honey producers through a voluntary insurance program. The plan became effective June 1, 1989 and is administered by the Manitoba Crop Insurance Corporation.

Payouts were triggered due to low prices in the 1988 crop year. All producers enrolled in the plan paid the same premium and received the same level of support per pound of honey marketed.

Expenditures by Sub-Appropriation

8 (h) Tripartite Honey Stabilization	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
Grants/Transfer Payments	144,800		168,000	(23,200)	
Total 8 (h)	144,800		168,000	(23,200)	

Livestock Development Program (8K)

The Livestock Development Program was introduced in response to the other western provinces' subsidies which enabled their livestock feeders to outbid Manitoba buyers for locally raised calves, yearlings and lambs.

This program provides feed assistance payments to cattle and lamb producers to encourage the finishing of slaughter animals in Manitoba.

Payments to producers are based on $9 per tonne and standard feeding rations. Individuals, partnerships, corporation and co-operatives are eligible to enrol and receive assistance. The program became effective October 1, 1989 and is administered by the Manitoba Crop Insurance Corporation.

For 1989/90 the payments totalled $205,000. All producers in Manitoba receive the same payment per slaughter animal marketed.

Expenditures by Sub-Appropriation

8 (k) Livestock Development Program	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
Grants/Transfer Payments	238,100		0	238,100	1
Total 8 (k)	238,100		0	238,100	

Explanation Number:

1. The Livestock Development Program was a new program funded by a special warrant during the 1989/90 fiscal year. The program counteracts the perceived negative impact of the Crow Benefit on livestock producers and places the producers on a comparable basis with Saskatchewan and Alberta who already had this program.

Drugs and Semen Purchases (9)

Through the Drug Centre and Semen Centre, Manitoba Agriculture purchases veterinary drugs and semen for subsequent resale with the aim of improving the productivity of Manitoba livestock. Both operations are administered by the Veterinary Services Branch.

The Drug Centre provides Manitoba veterinarians with a complete line of veterinary supplies. Through volume buying, the centre is able to purchase and sell drugs at considerable savings which are passed on to the producer.

The centre prevents the need for veterinarians to carry a large inventory of products and offers a 24-hour delivery service anywhere in the province. In this way, the program helps to maintain the viability of rural practices while ensuring producers receive sound veterinary advice on the use of livestock drugs.

The Semen Centre ensures Manitoba livestock producers have ready access at competitive prices to all major studs in Canada and many parts of the United States.

In 1989/90, the Drug Centre purchased and sold more than $7.4 million of veterinary drugs, an increase of 20 per cent over the previous year. The large increase was the result of producer confidence in drug prices, the introduction of a delayed billing system and distribution through local veterinarians.

Sales of semen and artificial insemination supplies totalled $963,700.

Expenditures by Sub-Appropriation

9 Drugs and Semen Purchases	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
Other Expenditures	7,247,800		7,290,700	(42,900)	
Total Vote 9	7,247,800		7,290,700	(42,900)	

Manitoba Education Tax Reduction Program for Farmers (10)

The objective of this program is to reduce education taxes payable on farmland in Manitoba. Program benefits are available to all owners of farmland, including farmers and farm families, retired persons, widows and other residents of rural Manitoba. During 1989/90 the level of program benefits available to farmland owners was increased from 25 per cent of school taxes payable on farmland to 35 per cent.

The program is administered by the Manitoba government in conjunction with local governments. To facilitate administration, the Province extended an advance to local governments equalling 90 per cent of anticipated program payouts in July and August of 1989. The remainder of funds were paid out later in the fiscal year.

Program benefits available to farmers and others were printed on property tax bills.

Expenditures by Sub-Appropriation

10 Manitoba Education Tax Reduction Prog.	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
Grants/Transfer Payments:					
- Main Estimate			15,400,000		
- Supplementary Estimate Authority			700,000		
Total Grants/Transfer Payments	15,852,300		16,100,000	(247,700)	
Total Vote 10	15,852,300		16,100,000	(247,700)	

Manitoba Interest Rate Relief Program (11)

The Interest Rate Relief Program — now in its maintenance stage — provided up to $6000 in grants and a matching loan interest free for two years, assisting over 1200 farmers with approximately $11 million. In addition, these individuals received intensive farm management counselling from regional extension staff.

The program terminated on December 31, 1983 for first time applicants. Accepted first year applicants had up to two years from first approval to apply for second year assistance.

In 1989/90 Manitoba Agriculture provided funds for payment of interest on outstanding loans from the Department of Finance and administrative costs associated with operating the program.

Expenditures by Sub-Appropriation

11 Manitoba Interest Rate Relief Program	Actual 1989/90 $	Estimate 1989/90 SY	Estimate 1989/90 $	Variance Over (Under)	Expl. No.
Other Expenditures	784,000		1,250,000	(466,000)	1
Total Vote 11	784,000		1,250,000	(466,000)	

Explanation Number:

1. The variance is explained by a lower Allowance for Doubtful Accounts expenditure than estimated because of an improvement in the farm economy and therefore collections were better than anticipated.

Emergency Drought Relief (12)

Department staff helped administer two programs in response to the 1988 drought: the Canada-Manitoba Livestock Drought Assistance Program and the Canada-Manitoba Greenfeed Program. These two programs were completed in 1988/89, however, staff were involved in a review of the livestock program that extended into 1989/90.

Appendix A: Table 1

Department of Agriculture
Expenditure Summary
for fiscal year ended March 31, 1990
with comparitive figures for the previous fiscal year

Actual 1988/89	Actual 1989/90	Increase (Decrease)	Expl. #	Appropriation	1989/90 Actual	1989/90 Estimate	Variance Over (Under)	Expl. #
				03-1 Administration and Finance				
20,600	20,500	(100)		(a) Minister's Salary	20,500	20,600	(100)	
				(b) Executive Support				
374,500	391,300	16,800		(1) Total Salaries	391,300	354,100	37,200	
113,300	120,800	7,500		(2) Other Expenditures	120,800	122,600	(1,800)	
186,000	176,600	(9,400)		(3) Policy Studies	176,600	117,900	58,700	
				(c) Communications Branch				
343,700	320,200	(23,500)		(1) Total Salaries	320,200	407,000	(86,800)	*
304,300	327,700	23,400		(2) Other Expenditures	327,700	348,400	(20,700)	
				(d) Financial & Admin. Services				
693,600	778,700	85,100		(1) Total Salaries	778,700	810,400	(31,700)	
74,000	76,700	2,700		(2) Other Expenditures	76,700	78,900	(2,200)	
				(e) Computer Services				
248,700	238,500	(10,200)		(1) Total Salaries	238,500	261,100	(22,600)	
58,300	43,500	(14,800)		(2) Other Expenditures	43,500	78,400	(34,900)	
				(f) Personnel Services				
187,000	189,400	2,400		(1) Total Salaries	189,400	248,000	(58,600)	*
23,200	30,000	6,800		(2) Other Expenditures	30,000	24,500	5,500	
				(g) Program Analysis				
164,200	136,100	(28,100)		(1) Total Salaries	136,100	180,100	(44,000)	
11,000	12,000	1,000		(2) Other Expenditures	12,000	13,500	(1,500)	
				(h) Excess Summerfallow Compensation				
0	2,900	2,900	1	(1) Total Salaries	2,900	40,000	(37,100)	*
0	813,100	813,100	1	(2) Assistance Payments	813,100	840,000	(26,900)	
2,802,400	3,678,000	875,600		Total 03-1	3,678,000	3,945,500	(267,500)	

Explanation Number:

1. The increase is the result of a non-recurring Excess Summerfallow Compensation Program in 1989/90. No such program existed in 1988/89.

* Explanations of these variances appear in the narrative section by sub-appropriation.

Department of Agriculture

Expenditure Summary

for fiscal year ended March 31, 1990
with comparitive figures for the previous fiscal year

Actual 1988/89	Actual 1989/90	Increase (Decrease)	Expl. #	Appropriation	1989/90 Actual	1989/90 Estimate	Variance Over (Under)	Expl. #
				03-2 Manitoba Crop Insurance Corp.				
5,551,800	6,314,100	762,400	2	(a) Administration	6,314,100	5,913,700	400,400	
114,900	246,600	131,700	3	(b) Can-Man Waterfowl Damage	246,600	300,000	(53,400)	
5,666,700	6,560,700	894,100		Total 03-2	6,560,700	6,213,700	347,000	
10,382,200	9,172,200	(1,210,000)	4	03-3 Manitoba Agric. Credit Corp.	9,172,200	16,454,000	(7,281,800)	*
10,382,200	9,172,200	(1,210,000)		Total 03-3	9,172,200	16,454,000	(7,281,800)	

Explanation Number:

2. Main factors which led to the increase in expenditures over 1988/89:
   a) approximately $220.0 for a 12.6% increase in participation,
   b) record year for hail claims,
   c) approximately $210.0 for enhanced coverage for 1989/90 as a result of 1988/89's drought and;
   d) several program enhancements ($185.0) to increase the acceptability of the Livestock Feed Security Program. Claims for All Risk and Hail Spot Loss in 1989/90 (31,000) closely approximated the 32,9000 claims in 1988/89.
3. The increase in Waterfowl Compensation payments is mainly the result of increases in Crop Insurance dollar values which increases the maximum amount payable per acre.
4. The $1.2 million decrease is the net of two factors:
   a) Approximately a $1 million increase in the Young Farmer Rebate Program. This increase is the result of program enhancements: increase in loan amounts ($50.0 to $100.0) to which the rebate applies and extending the program to included Intermediate Term Loans (5-10 years).
   b) Approximately a $2.2 million decrease in the allowance for Doubtful Accounts. An improved status of accounts resulted in a lower allowance required. This improvement was due to:
      1) the farm economy recovering slightly in 1989/90 form the 1988/89 drought and;
      2) the change in the application of the Young Farmer Rebates (see appropriation 03-3, 1a) ii)) which had a positive effect on the collections.

* Explanation of this variance appears in the narrative section by sub-appropriation.

Department of Agriculture

Expenditure Summary

for fiscal year ended March 31, 1990
with comparitive figures for the previous fiscal year

Actual 1988/89	Actual 1989/90	Increase (Decrease)	Expl. #	Appropriation	1989/90 Actual	1989/90 Estimate	Variance Over (Under)	Expl. #
				03-4 Agric. Development & Marketing Div.				
				(a) Administration				
90,700	95,700	5,000		(1) Total Salaries	95,700	92,800	2,900	
8,500	12,300	3,800		(2) Other Expenditures	12,300	7,900	4,400	
				(b) Animal Industry Branch				
1,663,700	1,620,200	(43,500)		(1) Total Salaries	1,620,200	1,662,600	(42,400)	
2,937,400	535,300	(2,402,100)	5	(2) Other Expenditures	535,300	514,900	20,400	
				(c) Veterinary Services Branch				
1,435,200	1,498,000	62,800		(1) Total Salaries	1,498,000	1,491,100	6,900	
1,002,600	1,095,700	93,100		(2) Other Expenditures	1,095,700	1,073,300	22,400	
				(d) Soils & Crops Branch				
1,994,400	2,008,700	14,300		(1) Total Salaries	2,008,700	2,049,100	(40,400)	
1,128,600	1,098,300	(30,300)		(2) Other Expenditures	1,098,300	1,099,900	(1,600)	
				(3) Northern Devel. Agreement-Prov.				
59,400	58,000	(1,400)		(a) Total Salaries	58,000	62,800	(4,800)	
41,300	38,100	(3,200)		(b) Other Expenditures	38,100	43,000	(4,900)	
				(e) Technical & Training Branch				
1,741,000	1,707,300	(33,700)		(1) Total Salaries	1,707,300	1,802,900	(95,600)	
1,172,500	1,172,600	100		(2) Other Expenditures	1,172,600	1,196,400	(23,800)	
529,000	527,900	(1,100)		(3) Agricultural Societies	527,900	531,200	(3,300)	

Explanation Number:

5. The majority of the decrease is explained by a Milk Lab Suit settlement in 1988/89 for $2,254.0. In addition approximately $56.0 of DHIA grants and $90.0 Milk Lab services paid in 1988/89 were no longer necessary in 1989/90. This is due to the transfer of responsibility to the Manitoba itoba Milk Recording Corporation as part of the settlement with the Manitoba Milk Producers' Marketing Board.

Department of Agriculture

Expenditure Summary

for fiscal year ended March 31, 1990
with comparitive figures for the previous fiscal year

Actual 1988/89	Actual 1989/90	Increase (Decrease)	Expl. #	Appropriation	1989/90 Actual	1989/90 Estimate	Variance Over (Under)	Expl. #
				(4) Northern Dev. Agreement Can/Man				
83,100	108,300	25,200		(a) Total Salaries	108,300	103,200	5,100	
27,400	36,650	9,250		(b) Other Expenditures	36,650	44,100	(7,450)	
				(c) Less: Recoverable from				
110,500	144,950	34,450		Northern Affairs	144,950	147,300	(2,350)	
0	686,000	686,000	6	(5) Commercial Beekeepers	686,000	759,000	(73,000)	
				(f) Marketing Branch				
218,000	239,900	21,900		(a) Total Salaries	239,900	302,700	(62,800)	*
182,100	265,700	83,600		(b) Other Expenditures	265,700	307,600	(41,900)	
14,204,400	12,659,700	(1,544,700)		Total 03-4	12,659,700	12,997,200	(337,500)	
				03-5 Regional Agric. Services Division				
				(a) Northwest Region				
1,191,700	1,272,300	80,600		(1) Total Salaries	1,272,300	1,335,100	(62,800)	
328,900	319,000	(9,900)		(2) Other Expenditures	319,000	351,800	(32,800)	
				(b) Southwest Region				
1,737,500	1,700,200	(37,300)		(1) Total Salaries	1,700,200	1,782,000	(81,800)	
324,200	331,700	7,500		(2) Other Expenditures	331,700	331,700	0	
				(c) Central Region				
1,675,500	1,811,000	135,500		(1) Total Salaries	1,811,000	1,735,900	75,100	
324,800	323,400	(1,400)		(2) Other Expenditures	323,400	332,800	(9,400)	
				(d) Eastern Region				
1,057,500	1,115,300	57,800		(1) Total Salaries	1,115,300	1,130,100	(14,800)	
231,400	223,500	(7,900)		(2) Other Expenditures	223,500	246,800	(23,300)	

Explanation Number:

6. This was a one year program in 1989/90 to offset low prices for bulk honey sales.

* Explanation of this variance appears in the narrative section by sub-appropriation.

Department of Agriculture

Expenditure Summary

for fiscal year ended March 31, 1990
with comparitive figures for the previous fiscal year

Actual 1988/89	Actual 1989/90	Increase (Decrease)	Expl. #	Appropriation	1989/90 Actual	1989/90 Estimate	Variance Over (Under)	Expl. #
				(e) Interlake Region				
1,219,300	1,264,100	44,800		(1) Total Salaries	1,264,100	1,325,500	(61,400)	
287,300	297,900	10,600		(2) Other Expenditures	297,900	292,000	5,900	
				(f) Agricultural Crown Lands Branch				
1,194,500	1,337,400	142,900		(1) Total Salaries	1,337,400	1,324,400	13,000	
588,800	503,900	(84,900)		(2) Other Expenditures	503,900	817,300	(313,400)	
10,161,400	10,499,700	338,300		Total 03-5	10,449,700	11,005,400	(505,700)	
				03-6 Policy & Economics Division				
				(a) Administration				
91,800	91,400	(400)		(1) Total Salaries	91,400	92,700	(1,300)	
14,100	15,200	1,100		(2) Other Expenditures	15,200	15,900	(700)	
				(b) Economics Branch				
564,100	555,400	(8,700)		(1) Total Salaries	555,400	658,300	(102,900)	*
101,600	101,700	100		(2) Other Expenditures	101,700	121,200	(19,500)	
				(c) Natural Prod. Marketing Council				
151,000	134,600	(16,400)		(1) Total Salaries	134,600	167,000	(32,400)	
29,800	38,600	8,800		(2) Other Expenditures	38,600	40,200	(1,600)	
30,600	32,400	1,800		(d) Milk Prices Review Commission	32,400	29,900	2,500	
				(e) Man. Farm Lands Ownership Board				
116,700	101,700	(15,000)		(1) Total Salaries	101,700	144,000	(42,300)	
33,600	45,100	11,500		(2) Other Expenditures	45,100	33,700	11,400	
875,500	875,500	0		(f) Agricultural Research	875,500	875,500	0	
				(g) Family Farm Protection Act				
230,900	235,200	4,300		(1) Total Salaries	235,200	248,900	(13,700)	
665,900	617,700	(48,200)		(2) Other Expenditures	617,700	501,100	116,600	*

* Explanations of these variances appear in the narrative section by sub-appropriation.

Department of Agriculture

Expenditure Summary

for fiscal year ended March 31, 1990
with comparitive figures for the previous fiscal year

Actual 1988/89	Actual 1989/90	Increase (Decrease)	Expl. #	Appropriation	1989/90 Actual	1989/90 Estimate	Variance Over (Under)	Expl. #
0	5,400	5,400	7	(h) Certification Agency	5,400	15,000	(9,600)	*
2,905,600	2,849,900	(55,700)		Total 03-6	2,849,900	2,943,400	93,500	
				03-7 Federal-Provincial Agreements				
1,337,500	1,421,700	84,200		(a) Agri-Food Agreement	1,421,700	1,643,800	(222,100)	
0	50,700	50,700	8	(b) Soil Conservation	50,700	1,000,000	(949,300)	*
1,337,500	1,472,400	134,900		Total 03-7	1,472,400	2,643,800	(1,171,400)	
				03-8 Income Insurance Fund				
453,100	400,300	(52,800)		(a) Administration	400,300	700,100	(299,800)	*
(302,300)	1,638,200	1,940,500	9	(b) Beef Stabilization	1,638,200	1,080,800	557,400	*

Explanation Number:

7. The Certification Agency was established under new legislation effective January 12, 1989 and the Agency commenced its activities in the 1989/90 fiscal year.
8. The increase is the result of the initiation of the Soil Conservation Agreement in 1989/89 which did not exist in 1988/89.
9. The increase in expenditures is the net result of three factors:
   1) There is a Valuation Allowance set up for the deficit of the Manitoba Beef Commission. During 1989/90 there was a $4,790.8 increase in this Valuation Allowance. During 1988/89 the Beef Commission reduced the accumulated deficit resulting in a credit to the Valuation Allowance. In 1989/90 the deficit and Valuation allowance rose due to higher support prices in 1989/90, lower premium rates and more support required as the market prices were lower.
   2) $1,031.0 decrease in premiums. This is the result of:
      a) only one quarter of operations in 1989/90 and;
      b) the premium rate was lowered.
   3) $1,587.0 decrease in interest cost. This was the result of only one quarter of operation in 1989/90.

* Explanations of these variances appear in the narrative section by sub-appropriation.

Department of Agriculture

Expenditure Summary

for fiscal year ended March 31, 1990
with comparitive figures for the previous fiscal year

Actual 1988/89	Actual 1989/90	Increase (Decrease)	Expl. #		Appropriation	1989/90 Actual	1989/90 Estimate	Variance Over (Under)	Expl. #
0	2,391,900	2,391,900	10	(c)	Tripartite Cattle Stab. Plan	2,391,900	2,562,000	(170,100)	*
4,273,300	6,154,000	1,880,700	11	(d)	Tripartite Hog Stab. Plan	6,154,000	5,580,300	573,700	*
267,800	337,300	69,500	12	(e)	Tripartite Sugar Beet Stab. Plan	337,300	364,000	(26,700)	
206,000	100,400	(105,600)	13	(f)	Tripartite Bean Stab. Plan	100,400	306,000	(205,600)	*
0	15,700	15,700	14	(g)	Tripartite Lamb Stab. Plan	15,700	15,600	100	
168,000	144,800	(23,200)		(h)	Tripartite Honey Stab. Plan	144,800	168,000	(23,200)	
0	238,100	238,100	15	(k)	Livestock Development Program	238,100	0	238,100	*
5,065,900	11,420,700	6,354,800		Total 03-8		11,420,700	10,776,800	643,900	

Explanation Number:

10. A new Tripartite Cattle Stabilization Program was implemented in 1989/90. This program was to replace the Manitoba Beef Commission which is being phased out (under Vote 8B).

    A Tripartite Lamb Stabilization Plan was implemented for 1989/90 for a cost of $24,000. The plan provides price stabilization for Manitoba's lamb producers.

11. The increase in premiums is affected by two factors:

    1) Volume Increases:

        a) Producers were allowed to enrol in the Tripartite program in the spring of 1989.
        b) The ceiling or allowed sales per quarter was eliminated resulting in an increase in volumes marketed.

    2) Increase in Premiums per Hog:
    The premium amount per Hog was 28% higher in 1989/90 due to increases in market prices and the levy rate.

12. Premiums were low in 1988/89 because of severe drought in the summer of 1988. The estimated average yield and total acres harvested in 1989 were over 1988 by 13%.

13. Sales volume covered under Tripartite dropped in 1989/90 because carry-over stocks expected to be sold in 1989/90 were sold in 1988/89 to take advantage of favorable prices at that time.

14. The Tripartite Lamb Stabilization Plan was implemented in 1989/90. The Plan provides price stabilization for Manitoba's lamb producers.

15. A new Livestock Development Program was implemented in 1989/90. The program counteracts the perceived negative impact of the Crow Benefit on Livestock Producers and places the producer on a comparable basis with Saskatchewan and Alberta who already had this program.

* Explanations of these variances appear in the narrative section by sub-appropriation.

Department of Agriculture

Expenditure Summary

for fiscal year ended March 31, 1990
with comparitive figures for the previous fiscal year

Actual 1988/89	Actual 1989/90	Increase (Decrease)	Expl. #	Appropriation	1989/90 Actual	1989/90 Estimate	Variance Over (Under)	Expl. #
6,287,900	7,247,800	959,900	16	03-9 Drug & Semen Puchases	7,247,800	7,290,700	(42,900)	
6,287,900	7,247,800	959,900		Total 03-9	7,247,800	7,290,700	(42,900)	
11,081,800	15,852,300	4,770,500	17	**03-10 Education Tax Reduction for Farmers**	15,852,300	16,100,000	(247,700)	
11,081,800	15,852,300	4,770,500		Total 03-10	15,852,300	16,100,000	(247,700)	
1,350,000	784,000	(566,000)	18	**03-11 Emergency Interest RateRelief Program**	784,000	1,250,000	(466,000)	*
1,350,000	784,000	(566,000)		Total 03-11	784,000	1,250,000	(466,000)	
16,958,000	0	(16,958,000)	19	**03-12 Emergency Drought Relief Program**				
16,958,000	0	(16,958,000)		Total 03-12				
88,203,700	**82,197,400**	**(6,006,400)**		**Total: Department of Agriculture**	**82,197,400**	**91,620,500**	**9,423,100**	

Explanation Number:

16. The increase over 1988/89 is 15.3% which is reasonable given:
    1) An average five year growth in the cost of goods sold of 14.7%.
    2) 1988/89 had a lower growth rate (although still growing) due to:
        a) the drought in 1988/89 which reduced demand and;
        b) suppliers offering "delayed billing" direct to customers reducing our sales. Delayed billing was later implemented by the centre in the fall of 1989.
17. The increase is the result of a change in the program to reduce the Education Tax on farmland from 25% to 30%. This effectively results in a 40% program enrichment.
18. The decrease is mainly the result of two factors caused by the program's wind-down.
    1) $378.7 decrease in the Allowance for Doubtful Accounts. With no new accounts being added the allowance changes are only for minor interest and valuation changes on existing accounts.
    2) $184.1 decrease in interest. The outstanding account balance is decreasing due to collections and accounts written off. Therefore there is a corresponding reduction in the interest charges.
19. The reduction in expenditures is the result of a one year Emergency Drought Program that only occurred in 1988/89.

* Explanation of this variance appears in the narrative section by sub-appropriation.

Appendix A: Table 2

Department of Agriculture

Revenue Summary by Source

for the year ended March 31, 1990
with comparitive figures for the previous fiscal year

Actual 1988/89	Actual 1989/90	Increase (Decrease)	Expl. #	Source	1989/90 Actual	1989/90 Estimate	Variance Over (Under)	Expl. #
				Current Operating Programs:				
				Other Revenue:				
386,200	282,700	(103,500)	1	(a) Emergency Interest Rate Relief	282,700	175,000	107,700	1
1,987,900	1,933,500	(54,400)	2	(b) Fees	1,933,500	2,051,800	(118,300)	2
7,489,500	8,781,400	1,291,900	3,4	(c) Sundry	8,781,400	8,131,900	649,500	3
9,863,600	10,997,600	1,134,000		Total Other Revenue	10,997,600	10,358,700	638,900	
				Government of Canada:				
				Current Operating Programs:				
4,218,500	0	(4,218,500)	5	Emergency Drought Relief Program	0	0	0	
56,500	123,300	66,800	6	Waterfowl Compensation	123,300	150,000	(26,700)	
2,600	2,000	(600)		Rabies Indemnity	2,000	4,500	(2,500)	
23,800	23,800	0		4-H and Youth	23,800	21,600	2,200	
1,200	2,000	800		Agricultural Manpower	2,000	5,000	(3,000)	
18,800	20,200	1,400		Toronto Royal Freight	20,200	18,700	1,500	
0	418,200	418,200	7	Excess Summerfallow Comp. Program.	418,200	440,000	(21,800)	
4,321,400	589,500	(3,731,900)		Total Government of Canada	589,500	639,800	(50,300)	

Revenue Explanations

1. The Emergency Interest Rate Relief Program is in its final stages with no new accounts. Consequently collections during 1989/90 were lower than in the previous year. They were, however, greater than anticipated for the year.
2. Note: Included in the actuals and estimates of 1989/90 were fee changes implemented effective April 1, 1989 (except as noted):
   a) Milk and Cream Testers' and Graders' licence: from $5 to $10.
   b) Cheese and Butter Makers licence: from $20 to $25.
   c) Margarine licence: from $5 to $25.
   d) Pasteurizer Operator licence: from $20 to $25.
   e) Milk Receiver licence: from $5 to $10.
   f) Dairy Plant licence: from $50 to $100.
   g) Livestock Dealer and Livestock Dealer Agent Licence fees of $100 were implemented effective August 1, 1989.
   h) Feed Analysis fees as follows:
      Grain – from $12 to $15
      Mixed Feed – from $14 to $16
      Forages – from $18 to $21
3. Note: Included in the actuals and estimates of 1989/90 were Sundry rate changes implemented effective April 1, 1989:
   Sow Breeding Calendars – sold for the first time at a price of $3/calendar.
   Manitoba Markets Weekly Report – from $32.40 to $33.60.
   Manitoba Agriculture Yearbook – sold for the first time at a price of $5/book.
   Manitoba Crop Report and Agricultural Conditions – sold for the first time at an annual subscription rate of $12.00.
4. The increase in Sundry revenues from 1988/89 to 1989/90 is mainly the result of increased revenues of $1,296,200 in the Veterinary Drug Centre. Low revenue levels were experienced during 1988/89 due to suppressed economy, drought related factors, increased competition and reduced animals. Demand during 1989/90 returned to a normal growth rate.
5. Emergency Drought Relief
   This program was a one-time program in 1988/89.
6. Waterfowl Compensation
   This agreement stipulates that the Federal government pays 50% of all compensation costs. Compensation payments increased as the result of increases in Crop Insurance dollar values which increased the maximum amount payable per acre.
7. Excess Summerfallow Compensation Program
   This was a new program for 1989/90 only. It provided compensation to farmers who were unable to seed their land in 1986 due to excess moisture. The Federal government paid 50% of total program costs.

Appendix B: Historical Information

Department of Agriculture

Five Year Expenditure and Staffing Summary by Appropriation ($000)

for years ending March 31, 1986 – March 31, 1990

		Actual/* *Adjusted* Expenditures									
		1985/86		1986/87		1987/88		1988/89		1989/90	
	Appropriation	SY	$	SY	$	SY	$	SY	$	SY	$
03-1	Administration & Finance	57.20	2,432.3	58.20	2,459.0	62.20	2,943.6	57.20	2,802.4	54.20	3,678.0
03-2	Manitoba Crop Insurance Corporation	85.00	5,525.7	85.00	5,372.8	80.26	4,467.7	80.26	5,666.7	80.26	6,560.7
03-3	Manitoba Agricultural Credit Corporation	53.00	11,090.3	54.00	7,542.6	55.00	14,974.2	55.00	10,382.2	55.00	9,172.2
03-4	Agricultural Development & Marketing	201.28	10,690.3	205.10	11,022.3	208.20	11,475.0	203.20	14,204.4	190.46	12,659.7
03-5	Regional Agricultural Services	227.21	9,856.9	225.50	9,726.8	225.45	9,976.7	215.45	10,161.4	213.45	10,499.7
03-6	Policy & Economics	23.00	1,841.5	23.00	1,940.2	30.00	2,346.7	28.00	2,905.6	27.00	2,849.9
03-7	Federal-Provincial Agreements		1,448.6		1,301.5		1,373.1		1,337.5		1,472.4
03-8	Income Insurance Fund		9,121.8		14,144.7	0.00	2,345.6	0.00	5,065.9	7.00	11,420.7
03-9	Drug & Semen Purchases		4,811.2		6,147.2		6,848.5		6,287.9		7,247.8
03-10	Education Tax Reduction Program						8,992.7		11,081.8		15,852.3
03-11	Emergency Interest Rate Relief Program		1,384.5		1,036.5		1,721.9		1,350.0		784.0
03-12	Emergency Drought Relief Program						0.0		16,958.0		0.0
Total:	Department of Agriculture	647.17	58,203.1	651.23	60,693.6	662.07	67,465.7	640.07	88,203.8	628.33	82,197.4

* ***Adjusted figures reflect historical data on a comparable basis in those appropriations affected by a re-organization, during the years under review.***

NOTES ON ADJUSTMENTS TO ACTUALS: In the 1989/90 budget Manitoba Water Services Board and the Rural Development Institute were transferred to Rural Development. Past actuals for these areas are now included in Rural Development's reports and excluded from Agriculture's. The Manitoba Water Services Board's operating costs were in appropriation 03-5 and were the only capital in 03-13.

Appendix C

Statutory Responsibilities of the Minister of Agriculture

The Agriculture Credit Corporation Act ..... A 10
The Agricultural Producers Certification Organization Funding Act* ..... A 18
The Agricultural Productivity Council Act ..... A 20
The Agricultural Societies Act ..... A 30
The Department of Agriculture Act ..... A 40
The Agrologists Act ..... A 50
The Animal Diseases Act ..... A 85
The Animal Husbandry Act (except Parts I, II and IV) ..... A 90
The Bee Act ..... B 15
The Bee Keepers Act ..... B 20
The Cattle Producers Association Act ..... C 25
The Cattle Producers Association Amendment Act*
The Coarse Grain Marketing Control Act ..... C 140
The Crop Insurance Act ..... C 310
The Crown Lands Act (Sections 6, 7, 10, 12(1), 14, 16, 17, 18, 21, 23, 24 to 28 inclusive, insofar as any relate to the administration of Crown Lands which may be designated by the Minister of Natural Resources as Agricultural Crown Lands, and Manitoba Revised Regulation C 340 — R1 and amendments thereto) ..... C 340
The Dairy Act ..... D 10
The Family Farm Protection Act ..... F 15
The Farm Income Assurance Plans Act ..... F 30
The Farm Lands Ownership Act ..... F 35
The Farm Machinery and Equipment Act ..... F 40
The Fruit and Vegetable Sales Act ..... F 180
The Horse Racing Regulation Act ..... H 100
The Horticultural Society Act ..... H 110
The Land Rehabilitation Act ..... L 50
The Livestock and Livestock Products Act ..... L 170
The Margarine Act ..... M 30
The Milk Prices Review Act ..... M 130
The Natural Products Marketing Act ..... N 20
The Noxious Weeds Act ..... N 110
The Pesticides and Fertilizers Control Act ..... P 40
The Plant Pests and Diseases Act ..... P 90
The Poultry Breeders Act ..... —
The Community Seed Cleaning Plant Loans Act ..... S 70
The Seed and Fodder Relief Act ..... S 80
The Veterinary Medical Act ..... V 30
The Veterinary Science Scholarship Fund Act ..... V 40
The Veterinary Services Act ..... V 50
The Wildlife Act (Section 89(e) as it applies to compensation for damage to crops caused by wildlife as it pertains to migratory waterfowl) ..... W 130
The Women's Institutes Act ..... W 180

* The Agricultural Producers Certification Organization Funding Act and The Cattle Producers Association Amendment Act were passed by the Manitoba Legislature in 1988.

In 1989/90, water Services Board Act was transferred to the Department of Rural Development through the Appropriation Act.